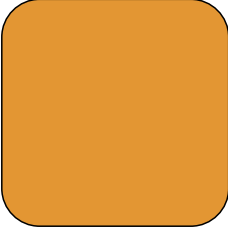


Digital Imperial Japanese Navy Aircraft Colours

Thorpe Colour Chart

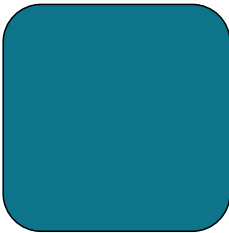
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 <p>N1 FS 14056 Black Green</p> <p>NCS: S6502-G LAB: 32,1/-3,0/1,1 Mun: None Hex#: 474D4A RGB: 71/77/74</p>	 <p>N2 FS 34058 Dark Green</p> <p>NCS: S6020-B30G LAB: 32,3/-12,8/-2,8 Mun: None Hex#: 325250 RGB: 50/82/80</p>	 <p>N3 FS 34094 Dark Grey Green</p> <p>NCS: S6005-G20Y LAB: 34,9/-5,3/8,8 Mun: None Hex#: 4E5444 RGB: 78/84/68</p>	 <p>N4 FS 24226 Light Gray Green</p> <p>NCS: S4005-G20Y LAB: 56,4/-6,7/6,4 Mun: None Hex#: 7F8B7C RGB: 127/139/124</p>	 <p>N5 FS 34151 Light Olive Green</p> <p>NCS: S6020-G70Y LAB: 41,4/-4,4/22,5 Mun: 2,5GY 4/4 Hex#: 64633C RGB: 100/99/60</p>
 <p>N6 FS 14255 Buff Green</p> <p>NCS: S4010-Y10R LAB: 56,3/-0,1/20,3 Mun: None Hex#: 918664 RGB: 145/134/100</p>	 <p>N7 FS 27040 Black Gray</p> <p>NCS: S8000-N LAB: 27,9/-0,2/-1,2 Mun: None Hex#: 414244 RGB: 65/66/68</p>	 <p>N8 FS 36081 Dark Gray</p> <p>NCS: S5502-B LAB: 37,9/-1,1/-0,4 Mun: None Hex#: 575A5A RGB: 87/90/90</p>	 <p>N9 FS 26270 Medium Gray</p> <p>NCS: S4502-B LAB: 52,7/-2,2/-0,8 Mun: None Hex#: 797F7F RGB: 121/127/127</p>	 <p>N10 FS 26493 Light Gray</p> <p>NCS: S3000-N LAB: 75,3/-1,4/0,5 Mun: None Hex#: B7BAB9 RGB: 183/186/185</p>
 <p>N11 FS 30117 Medium Brown</p> <p>NCS: S6020-Y50R LAB: 33,7/17,4/15,8 Mun: 2,5YR 3/4 Hex#: 704437 RGB: 112/68/55</p>	 <p>N12 FS 20109 Red Brown</p> <p>NCS: S5030-Y60R LAB: 32,3/33,7/29,4 Mun: 10R 3/10 Hex#: 83321F RGB: 131/50/31</p>	 <p>N13 FS 33538 Medium Yellow</p> <p>NCS: S1060-Y10R LAB: 81,4/9,1/81,6 Mun: None Hex#: FEC110 RGB: 254/193/16</p>	 <p>N14 FS 13655 Deep Yellow</p> <p>NCS: S1080-Y10R LAB: 77,7/16,1/77,3 Mun: None Hex#: F5B314 RGB: 245/179/20</p>	 <p>N15 FS 23538 Yellow Ochre</p> <p>NCS: S1070-Y20R LAB: 72,2/21,3/69,2 Mun: 10YR 7/12 Hex#: EAA124 RGB: 234/161/36</p>



**FS 13415
Yellow**

NCS: S2050-Y20R
LAB: 68,9/24,0/61,1
Mun: None
Hex#: E39633
RGB: 227/150/51



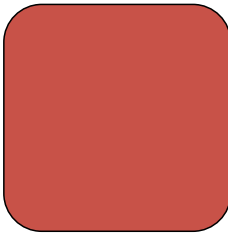
**N16
FS 15125
Aotake Blue**

NCS: S3050-B10G
LAB: 44,3/-21,5/-19,8
Mun: None
Hex#: 0E7489
RGB: 14/116/137



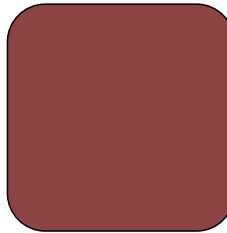
**N17
Aotake Green**

NCS: S3050-B10G
LAB: 44,8/-18,8/-19,1
Mun: None
Hex#: 0E7489
RGB: 14/116/137



**N18
FS 21400
Red Orange**

NCS: S2050-Y90R
LAB: 51,1/47,5/31,2
Mun: 7,5R 5/10
Hex#: C85248
RGB: 200/82/72



**N19
FS 21136
Deep Red**

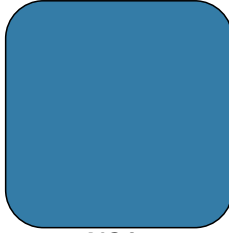
NCS: S4030-R
LAB: 38,4/32,2/14,8
Mun: 7,5R 4/6
Hex#: 8D4344
RGB: 141/67/68

(J-aircraft.org)




**N20
FS 31350
Medium Red**

NCS: S3050-Y90R
LAB: 41,5/48,1/27,5
Mun: 7,5R 4/10
Hex#: AC3838
RGB: 172/56/56



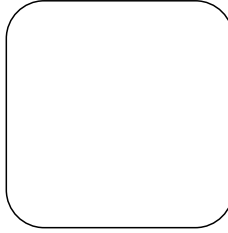
**N21
FS 35183
Medium Blue**

NCS: S3040-R90B
LAB: 48,8/-12,2/-30,2
Mun: 10B 5/8
Hex#: 347CA7
RGB: 52/124/167



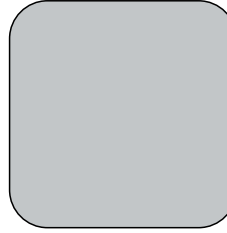
**N22
FS 17038
Black**

NCS: S8000-N
LAB: 23,57/0,15/-0,48
Mun: 7,6PB 2,3/0,1
Hex#: 383839
RGB: 56/56/57



White

NCS: S1005-G30Y
LAB: 91,63/-2,11/5,41
Mun: 5,0GY 9,1/0,7
HEX#: E6E8DC
RGB: 230/232/220



**FS 17178
Natural Metal/
Aluminium**

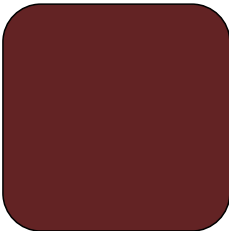
NCS: S2002-B
LAB: 79,6/-1,0/-1,5
Mun: 9,1B 7,9/0,6
HEX#: C2C6C8
RGB: 194/198/200

Regulation 117 - Kari Kikaku Chart



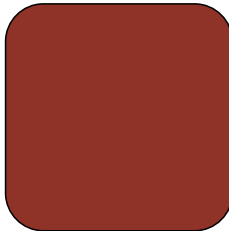
**A1
10R 2/1
Brown**

NCS: S7010-R10B
LAB: 15,2/11,2/2,4
Mun: 10R 2/1
Hex#: 362023
RGB: 54/32/35



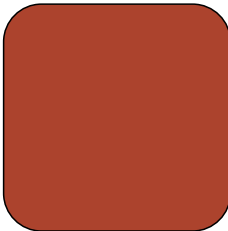
**A2
7,5R 2/4
Brown**

NCS: S6030-Y80R
LAB: 23,6/29,1/14,5
Mun: 7,5R 2/4
Hex#: 632324
RGB: 99/35/36



**A3
10R 4/6
Brown**

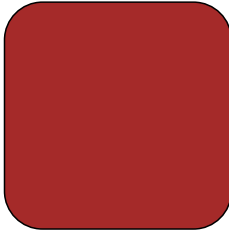
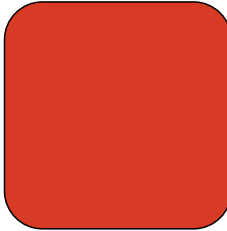
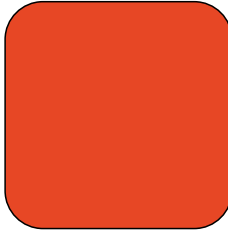
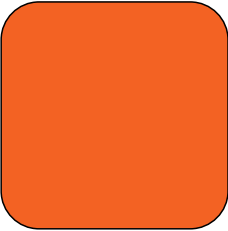
NCS: S4040-Y90R
LAB: 34,7/38,3/27,4
Mun: 10R 4/6
Hex#: 8F3328
RGB: 143/51/40



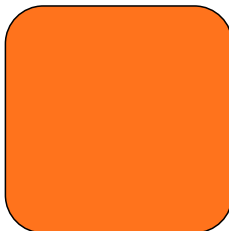
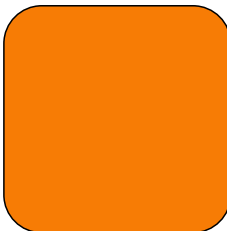
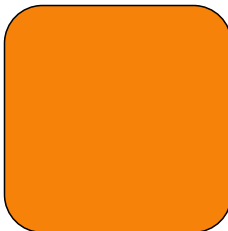
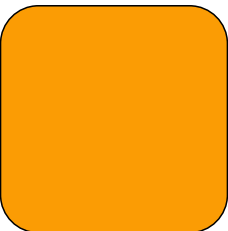
**A4
10R 4/10
Brown**

NCS: S3050-Y80R
LAB: 42,7/41,7/35,0
Mun: 10R 4/10
Hex#: AC432D
RGB: 172/67/45






A - Brown Colours

 <p>B1 6,9R 3,7/11,5 Red</p> <p>NCS: S3060-Y90R LAB: 37,5/49,7/31,1 Mun: 6,9R 3/11 Hex#: A52A29 RGB: 165/42/41</p>	 <p>B2 8,1R 4,8/15,0 Red</p> <p>NCS: S LAB: 49,1/59,4/48,2 Mun: 8,1R 4/15 Hex#: D73B25 RGB: 215/59/37</p>	 <p>B3 8,6R 5,3/15,7 Red</p> <p>NCS: S0570-Y70R LAB: 53,6/60,1/53,3 Mun: 8,6R 5/15 Hex#: E74725 RGB: 231/71/37</p>	 <p>B4 0,2YR 5,9/14,7 Red</p> <p>NCS: S0570-Y60R LAB: 59,8/53,0/60,1 Mun: 0,2YR 5/14 Hex#: F36223 RGB: 243/98/35</p>
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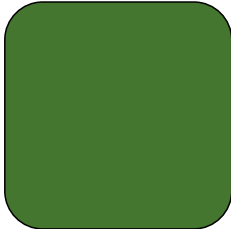

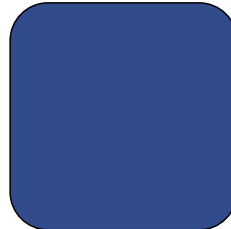
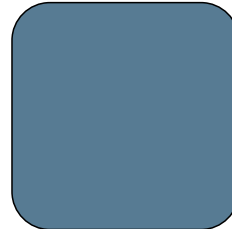
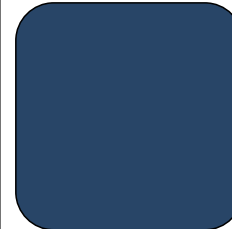
B - Red Colours

 <p>C1 1,3YR 6,4/14,5 Yellow</p> <p>NCS: S0570-Y50R LAB: 64,6/49,4/67,1 Mun: 1,3YR 6/14 Hex#: FF731C RGB: 255/115/28</p>	 <p>C2 3,2YR 6,4/14,5 Yellow</p> <p>NCS: S1070-Y40R LAB: 65,1/41,5/71,5 Mun: 3,2YR 6/14 Hex#: F77C05 RGB: 247/124/5</p>	 <p>C3 3,9YR 6,5/13,2 Yellow</p> <p>NCS: S0585-Y30R LAB: 66,2/38,4/71,6 Mun: 3,9YR 6/13 Hex#: F68209 RGB: 246/130/9</p>	 <p>C4 7,1YR 7,2/13,0 Yellow</p> <p>NCS: S0570-Y20R LAB: 72,4/27,0/76,6 Mun: 7,1YR 7/13 Hex#: FB9C04 RGB: 251/156/4</p>
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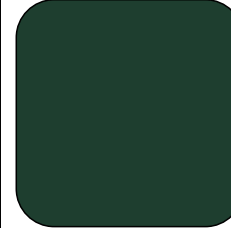
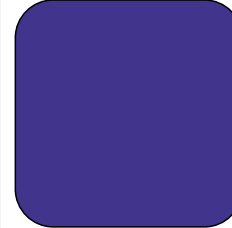
C - Yellow Colours

 <p>D 1,8B 1,7/0,5 Dark Green</p> <p>NCS: S7502-B LAB: 17,2/-1,5/-1,3 Mun: 1,8B 1/0 Hex#: 272B2C RGB: 39/43/44</p>	 <p>D1 9,3B 1,9/0,7 Dark Green</p> <p>NCS: S7602-B LAB: 19,5/-1,4/-2,7 Mun: 9,3B 1/0 Hex#: 2B3033 RGB: 43/48/51</p>	 <p>D2 2,2BG 1,3/1,4 Dark Green</p> <p>NCS: S8010-B30G LAB: 13,1/-5,8/-0,4 Mun: 2,2BG 1/1 Hex#: 182422 RGB: 24/36/34</p>	 <p>D3 0,1G 2,1/3,1 Green</p> <p>NCS: S7010-B70G LAB: 20,9/-12,8/8,1 Mun: 0,1G 2/3 Hex#: 223726 RGB: 34/55/38</p>	 <p>D4 9,8GY 2,5/4,2 Green</p> <p>NCS: S6020-G10Y LAB: 25,0/-18,3/13,6 Mun: 9,8GY 2/4 Hex#: 244226 RGB: 36/66/38</p>
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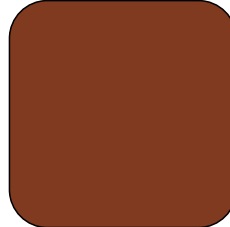
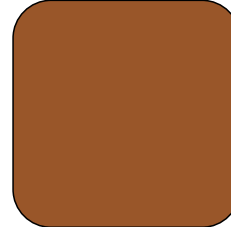
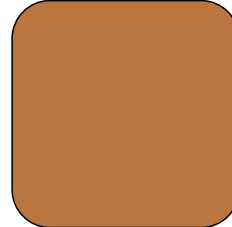
D - Green Colours

 <p>D5 8,2GY 4,4/7,1 Light Green</p> <p>NCS: S4030-G30Y LAB: 44,8/-31,0/33,3 Mun: 8,2GY 4/7 Hex#: 44762F RGB: 68/118/47</p>	 <p>E1 6,1PB 1,6/6,7 Dark Blue</p> <p>NCS: S6030-R80B LAB: 16,1/9,8/-30.7 Mun: 6,1PB 1/6 Hex#: 0E2654 RGB: 14/38/84</p>	 <p>E2 5,9PB 3,3/8,6 Blue</p> <p>NCS: S4060-R80B LAB: 33,1/12,0/-38,6 Mun: 5,9PB 3/8 Hex#: 324B8B RGB: 50/75/139</p>	 <p>E3 0,6PB 4,9/4,4 Blue</p> <p>NCS: S4020-B LAB: 49,9/-6,2/-17,0 Mun: 0,6PB 4/4 Hex#: 577B93 RGB: 87/123/147</p>	 <p>E4 4,1PB 2,8/5,0 Blue</p> <p>NCS: S6020-R80B LAB: 28,6/0,5/-23,2 Mun: 4,1PB 2/5 Hex#: 284567 RGB: 40/69/103</p>
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E - Blue Colours

 <p>F1 6,3B 1,4/2,0 Indigo</p> <p>NCS: S7020-B10G LAB: 13,9/-4,9/-8,4 Mun: 6,3B 1/2 Hex#: 12262F RGB: 18/38/47</p>	 <p>F2 9,7BG 1,8/2,8 Indigo</p> <p>NCS: S6530-B30G LAB: 18,7/-10,3/-5,4 Mun: 9,7BG 1/2 Hex#: 133235 RGB: 19/50/53</p>	 <p>F3 3,9G 2,3/3,7 Indigo</p> <p>NCS: S7010-B70G LAB: 23,4/-16,1/5,6 Mun: 3,9G 2/3 Hex#: 1E3E2F RGB: 30/62/47</p>	 <p>G1 9,1PB 2,8/11,8 Violet</p> <p>NCS: S4050-R70B LAB: 28,0/30,6/-47,2 Mun: 9,1PB 2/11 Hex#: 41348C RGB: 65/52/140</p>
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F - Indigo/Violet Colours

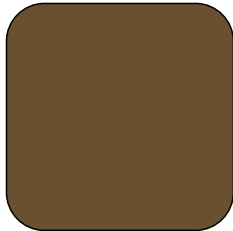
 <p>H1 4,9YR 2,4/3,0 Dark Brown</p> <p>NCS: S8005-Y50R LAB: 24,44/11,84/13,03 Mun: 4,9YR 2/3 Hex#: 4F3327 RGB: 79/51/39</p>	 <p>H2 1,4YR 3,3/6,8 Brown</p> <p>NCS: S5040-Y70R LAB: 33,82/29,56/30.62 Mun: 1,4YR 3,6 Hex#: 803A20 RGB: 128/58/32</p>	 <p>H3 4,2YR 4,3/7,4 Brown</p> <p>NCS: S4050-Y50R LAB: 44,08/25,69/37,84 Mun: 4,2YR 4/7 Hex#: 995629 RGB: 153/86/41</p>	 <p>H4 5,0YR 5,5/7,9 Brown</p> <p>NCS: S3050-Y40R LAB: 56,43/24,16/41.40 Mun: 5,0YR 5/7 Hex#: BB763F RGB: 187/118/63</p>
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H - Brown Colours



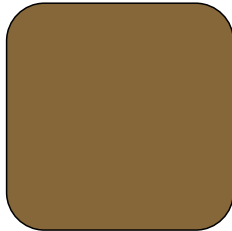
I1
7,9YR 2,1/2,4
Soil

NCS: S8010-Y10R
LAB: 21.37/7.41/12.57
Mun: 7,9YR 1/2
Hex#: 422F21
RGB: 66/47/33



I2
0,3Y 3,5/3,7
Soil

NCS: S7010-Y50R
LAB: 36.14/7.72/22.42
Mun: 0,3Y 3/3
Hex#: 695031
RGB: 105/80/49



I3
0,6Y 4,5/4,4
Soil

NCS: S5030-Y
LAB: 46.01/8.64/30.67
Mun: 0,6Y 4/4
Hex#: 866739
RGB: 134/103/57



J1
8,2PB 2,1/0,3
Dark Gray

NCS: S8005-G50Y
LAB: 21.30/0.35/-1.27
Mun: 8,2PB 2/0
Hex#: 333335
RGB: 51/51/53

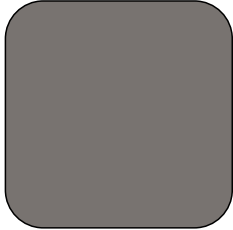


J2
2,9GY 3,0/1,1
Dark Gray

NCS: S7502-G
LAB: 30,14/-2,57/6,34
Mun: 2,9GY 3/1
Hex#: 46483D
RGB: 70/72/61

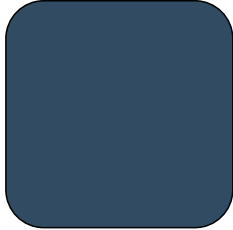
I - Soil Colours

J - Gray Colours



J3
6,6YR 4,8/0,5
Grey

NCS: S6000-N
LAB: 48,82/1,56/2,39
Mun: 6,6YR 4/0
Hex#: 787370
RGB: 120/115/112



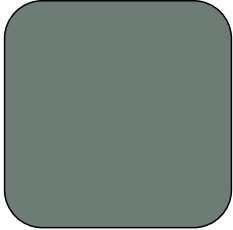
K1
1,7PB 3,0/3,5
Gray-blue

NCS: S6020-R80B
LAB: 30,56/-4,84/-16,84
Mun: 1,7PB 3/3
Hex#: 314B62
RGB: 49/75/98



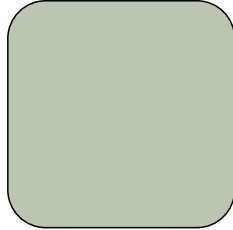
K2
7,0B 2,8/1,4
Gray-blue

NCS: S
LAB: 28,31/-4,25/-5,47
Mun: 7,0B 2/1
Hex#: 38454B
RGB: 56/69/75



K3
6,1G 5,0/1,3
Gray-blue

NCS: S5010-G10Y
LAB: 50,61/-6,86/1,86
Mun: 6,1G 5/1
Hex#: 6D7C75
RGB: 109/124/117



K4
6,6GY 7,8/1,3
Light Gray-blue

NCS: S2010-G30Y
LAB: 78,41/-5,79/8,45
Mun: 6,6GY 7/1
Hex#: BCC5B2
RGB: 188/197/178

K - Gray-blue Colours



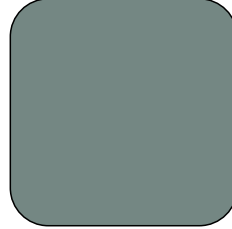
L1
0,1YR 2,6/0,8
Dark Gray

NCS: S8000-N
LAB: 26,33/4,21/2,93
Mun: 0,1YR 2/0
Hex#: 463C3A
RGB: 70/60/58



L2
9,3Y 3,9/1,1
Gray

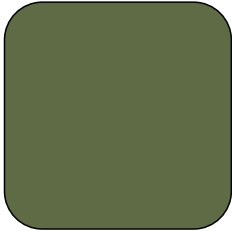
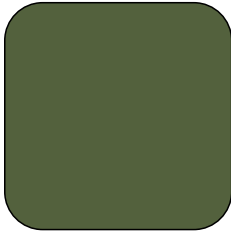
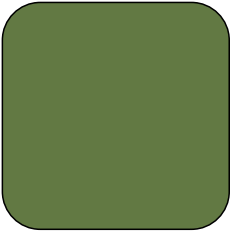
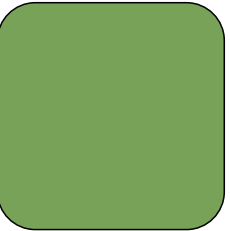
NCS: S
LAB: 39,79/-1,05/7,79
Mun: 9,3Y 3/1
Hex#: 605E51
RGB: 96/94/81





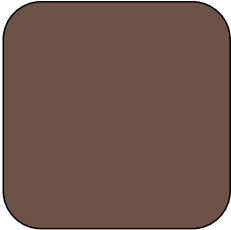
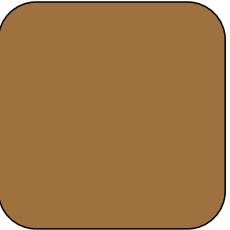
L3
2,6BG 5,4/1,5
Gray

NCS: S5005-B50G
LAB: 54,69/-7,77/-0,28
Mun: 2,6BG 5/1
Hex#: 748783
RGB: 116/135/131

L - Gray Colours

 <p>M0 5,3GY 4,2/3,5 Green</p> <p>NCS: S6020-G50Y LAB: 43,43/-10,02/19,75 Mun: 5,3GY 4/3 Hex#: 5F6B45 RGB: 96/107/69</p>	 <p>M1 5,9GY 3,8/3,4 Green</p> <p>NCS: S6020-G30Y LAB: 39,20/-10,77/18,70 Mun: 5,9GY 3/3 Hex#: 53613D RGB: 83/9761</p>	 <p>M2 6,7GY 4,7/4,8 Green</p> <p>NCS: S5030-G50Y LAB: 47,96/-16,12/26,64 Mun: 6,7GY 4/4 Hex#: 627943 RGB: 98/121/67</p>	 <p>M3 7,5GY 6,1/6,6 Green</p> <p>NCS: S3040-G40Y LAB: 62,89/-21,05/34,52 Mun: 7,5GY 6/6 Hex#: 82A258 RGB: 130/162/88</p>
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M - Green Colours

 <p>N0 7,2P 2,3/1,2 Red-bean</p> <p>NCS: S LAB: 23,14/4,52/-3,84 Mun: 7,2P 2/1 Hex#: 3C353D RGB: 60/53/61</p>	 <p>N1 6,9PB 1,7/1,7 Red-bean</p> <p>NCS: S8005-R50B LAB: 16,78/1,54/-8,12 Mun: 6,9PB 1/1 Hex#: 272935 RGB: 39/41/53</p>	 <p>N2 2,8YR 3,7/2,5 Red-bean</p> <p>NCS: S LAB: 37,66/10,83/11,25 Mun: 2,8YR 3/2 Hex#: 6E5247 RGB: 110/82/71</p>	 <p>N3 8,2YR 5,0/5,9 Red-bean</p> <p>NCS: S4040-Y30R LAB: 51,67/14,71/34,92 Mun: 8,2YR 5/5 Hex#: 9F713F RGB: 159/113/63</p>
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N - Red-bean Colours

References:

IJNAF colour chart by Thorpe.

Aviation of Japan website - <http://www.aviationofjapan.com>.

Every effort was made to ensure accurate values for each colour, however some colour systems do not allow for comprehensive or accurate values to be obtained and the most accurate values are the Hex# and R/G/B. The other values could only be a closest value within the <2% limit.

Some values were calculated by making use of the following software:

- RGB chart & Multi Tool: <https://www.perbang.dk>
- e-paints,co.uk: <https://www.e-paint.co.uk>.
- Encycolorperdia: <https://encycolorpedia.com>.
- Munsell values from BabelColor CT & A software.