

Converting Colors

HunterLab(40.7875, -13.7724,
5.1045)

Have a look what the booklet for
HunterLab(40.7875, -13.7724,
5.1045) contains.

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Color

**HunterLab(40.8003,
-13.7157, 5.0858)**

Conversions

Conversions Part 1

Format	Color
Hex	55796A
RGB	85, 121, 106
RGB Percent	33%, 47%, 42%
CMY	0.6667, 0.5255, 0.5843
CMYK	0.30, 0.00, 0.12, 0.53
HSL	155°, 17%, 40%
HSV	155°, 30%, 47%
XYZ	13.1852, 16.6466, 16.1539
YIQ	108.5260, -16.6410, -12.2970

Conversions

Conversions Part 2

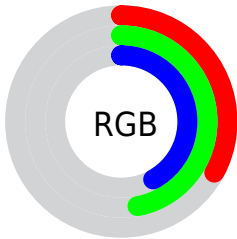
Format	Color
R_{YB}	85, 108, 121
Decimal	5601642
CIE _{Lab}	47.81, -16.22, 4.14
CIE _{LCh}	48, 16.739, 165.668
Yxy	16.6473, 0.2867, 0.3620
Android (android.graphics.Color)	4283791722 (0xFF55796A)
YUV	108.5260, -1.2453, -20.6323
Hunter-Lab	40.8003, -13.7157, 5.0858

Details

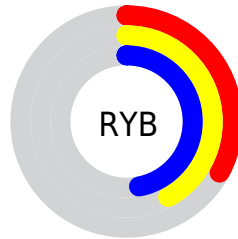
The HunterLab color $40.8003, -13.7157, 5.0858$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $33.8858, 11.4686, -0.0156$, and the grayscale version is $38.9349, -2.0775, 2.1154$.

A 20% lighter version of the original color is $61.2827, -16.4179, 6.6136$, and $23.1572, -10.4161, 3.4932$ is the 20% darker color. If you saturate the color by 10%, you get $40.0334, -16.8885, 6.1542$, and if you desaturate by 10%, it is $41.6785, -10.1951, 4.0922$.

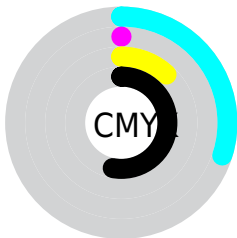
Distribution



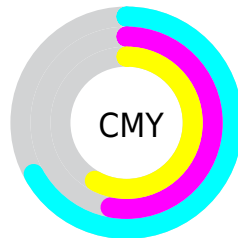
- Red (33%)
- Green (47%)
- Blue (42%)



- Red (33%)
- Yellow (42%)
- Blue (47%)



- Cyan (30%)
- Magenta (0%)
- Yellow (12%)
- Black (53%)



- Cyan (67%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.8003, -13.7157, 5.0858 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 40.8003, -13.7157, 5.0858 by changing the saturation by 10% instead.

■ 40.8003, -13.7157,
5.0858

■ 40.8003, -13.7157,
5.0858

152.6865,
-26.7046, 12.8598

■ 31.5965, -12.1643,
4.3326

■ 61.4153, -16.6929,
6.6569

■ 23.2119, -10.5395,
3.5967

■ 72.7285, -18.1438,
7.4756

■ 15.7373, -8.7988,
2.8727

■ 84.6619, -19.5807,
8.3171

■ 9.3000, -8.0957,
2.3531

■ 97.1848, -21.0091,
9.1812

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.2707,
-22.4329, 10.0679

0.0000, NaN, NaN

123.8963,

0.0000, NaN, NaN

-23.8552, 10.9767

0.0000, NaN, NaN

138.0411,
-25.2785, 11.9075

■ 40.8003, -13.7157,
5.0858

■ 40.8003, -13.7157,
5.0858

■ 40.0334, -16.8885,
6.1542

■ 41.6785, -10.1951,
4.0922

■ 39.3753, -19.6870,
7.2851

■ 42.6642, -6.3547,
3.1802

■ 38.8253, -22.0941,
8.4659

■ 43.7559, -2.2279,
2.3565

■ 38.3803, -24.1021,
9.6818

■ 44.9504, 2.1513,
1.6248

■ 38.0351, -25.7145,
10.9161

■ 46.2442, 6.7495,
0.9869

■ 37.7819, -26.9490,
12.1512

■ 47.6330, 11.5346,
0.4426

■ 37.5878, -27.9332,
13.3471

■ 49.1123, 16.4773,
-0.0095

■ 37.5832, -27.9570,
13.3755

■ 50.6777, 21.5508,
-0.3722

■ 52.3246, 26.7318,
-0.6490

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.8011, -10.8316, 9.7608



40.8003, -13.7157, 5.0858



40.8011, -13.6488, -1.1611

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.8011, -13.7163, 5.0863



40.8011, 1.2902, -11.1334



40.8011, 7.0336, 9.9186

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40.8003, -13.7157, 5.0858



33.8858, 11.4686, -0.0156

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.8011, 10.7164, 5.3361



40.8003, -13.7157, 5.0858



40.8011, 7.2602, -7.1055

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.8011, -13.7163, 5.0863



40.8011, -5.2609, -11.2288



40.8011, 10.8019, -0.8687



40.8011, 0.9967, 12.2365

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.8003, -13.7157, 5.0858



40.8011, -11.9474, -5.4294



40.8011, 10.8019, -0.8687



40.8011, 8.6043, 8.6275

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40.8011, -13.7163, 5.0863



57.1648, -8.2213, 4.1945



41.3219, -12.7020, 12.9083



27.2550, -4.2375, 2.0725



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.8011, -13.7163, 5.0863



53.8490, -21.4380, 7.8183



40.5106, -10.3192, -1.6941



21.1790, -3.0158, 1.5472



38.9025, -28.9586, 13.8885



84.8637, -63.8749, 31.8153

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33.8858, 11.4686, -0.0156



42.5447, 19.8935, -0.4280



34.0625, 8.3372, 6.1752



20.1002, 0.8896, 0.7385



21.4587, 37.9067, 4.8885



46.6942, 82.1580, 13.1749

Previews

White Background



This preview shows how the HunterLab color 40.8003, -13.7157, 5.0858 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 40.8003, -13.7157, 5.0858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

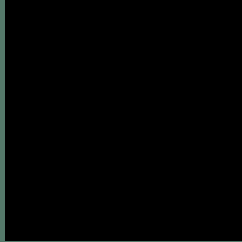
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 40.8003, -13.7157, 5.0858 Background



This preview shows how black text looks on a background with the HunterLab color 40.8003, -13.7157, 5.0858.



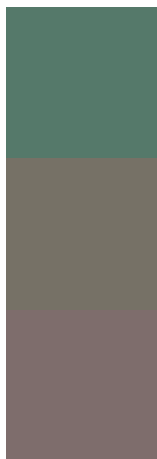
This preview shows how white text looks on a background with the HunterLab color 40.8003,

-13.7157, 5.0858.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

40.8003, -13.7157, 5.0858

Protanopia

40.7690, -2.2793, 6.8008

Deuteranopia

40.5655, 2.8454, 4.3100



Tritanopia

40.7591, -8.1380, -4.2343

Trichromacy



Original Color

40.8003, -13.7157, 5.0858

Protanomaly

40.6623, -6.9034, 6.2247

Deuteranomaly

40.3129, -3.6226, 4.3193

Tritanomaly

40.7434, -10.1802, -0.4696

Monochromacy



Original Color

40.8003, -13.7157, 5.0858

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.4997, -6.4574, 2.9310

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.8003, -13.7157, 5.0858 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(85, 121, 106)` looks like.

```
.text, #text, p{  
    color:rgb(85, 121, 106)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(85, 121, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 121, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8003, -13.7157, 5.0858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(85, 121, 106) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(85, 121, 106) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(85, 121, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 121, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 121, 106);  
box-shadow:4px 4px 4px 4px rgb(85, 121,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.8003, -13.7157, 5.0858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 121, 106) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(85, 121,  
106) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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