

Converting Colors

HunterLab(40.2664, 5.3718,
6.8674)

Have a look what the booklet for
HunterLab(40.2664, 5.3718, 6.8674)
contains.

| | |
|---|----|
| HunterLab(40.2917, 5.5820, 6.8080) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**HunterLab(40.2917, 5.5820,
6.8080)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 856A65 |
| RGB | 133, 106, 101 |
| RGB Percent | 52%, 42%, 40% |
| CMY | 0.4784, 0.5843, 0.6039 |
| CMYK | 0.00, 0.20, 0.24, 0.48 |
| HSL | 9°, 14%, 46% |
| HSV | 9°, 24%, 52% |
| XYZ | 17.1759, 16.2342, 14.5402 |
| YIQ | 113.5030, 17.6970, 4.1690 |

Conversions

Conversions Part 2

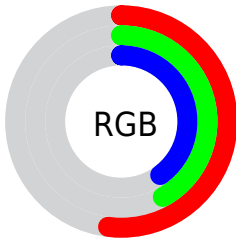
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 133, 107, 101 |
| Decimal | 8743525 |
| CIE Lab | 47.28, 9.92, 6.88 |
| CIE LCh | 47, 12.071, 34.735 |
| Yxy | 16.2350, 0.3582, 0.3386 |
| Android (android.graphics.Color) | 4286933605 (0xFF856A65) |
| YUV | 113.5030, -6.1640, 17.0989 |
| Hunter-Lab | 40.2917, 5.5820, 6.8080 |

Details

The HunterLab color **40.2917, 5.5820, 6.8080** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **44.6072, -8.7569, -2.1611**, and the grayscale version is **40.8486, -2.1796, 2.2194**.

A 20% lighter version of the original color is **60.7830, 5.8636, 8.5807**, and **22.8763, 5.2001, 5.1420** is the 20% darker color. If you saturate the color by 10%, you get **37.1907, 9.2841, 8.4640**, and if you desaturate by 10%, it is **43.5698, 2.0639, 5.0977**.

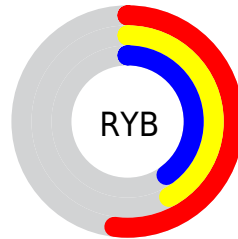
Distribution



Red (52%)

Green (42%)

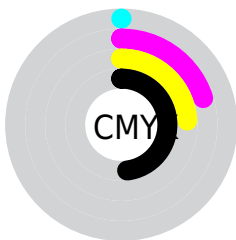
Blue (40%)



Red (52%)

Yellow (42%)

Blue (40%)

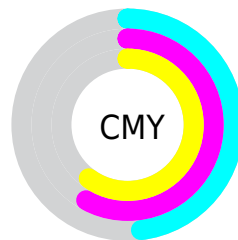


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (48%)



Cyan (48%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2917, 5.5820, 6.8080 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 40.2917, 5.5820, 6.8080 by changing the saturation by 10% instead.

40.2917, 5.5820,
6.8080

40.2917, 5.5820,
6.8080

151.8961, 3.6697,
15.7262

31.1297, 5.4807,
5.8786

60.8322, 5.5454,
8.6883

22.7910, 5.2845,
4.9452

72.1115, 5.4287,
9.6457

15.3678, 4.9705,
3.9933

84.0128, 5.2547,
10.6176

8.9782, 4.5579,
3.6640

96.5051, 5.0283,
11.6054

0.0000, NaN, NaN

0.0000, NaN, NaN

109.5616, 4.7535,
12.6097

0.0000, NaN, NaN

123.1591, 4.4336,

0.0000, NaN, NaN

13.6311

0.0000, NaN, NaN

137.2768, 4.0716,
14.6699

■ 40.2917, 5.5820,
6.8080

■ 40.2917, 5.5820,
6.8080

■ 37.1907, 9.2841,
8.4640

■ 43.5698, 2.0639,
5.0977

■ 34.2917, 13.1708,
10.0368

■ 46.9993, -1.2755,
3.3491

■ 31.6283, 17.2135,
11.4878

■ 50.5623, -4.4535,
1.5744

■ 29.2381, 21.3460,
12.7632

■ 54.2431, -7.4878,
-0.2191

■ 27.1617, 25.4479,
13.7957

■ 58.0291, -10.3964,
-2.0270

■ 25.4391, 29.3341,
14.5126

■ 61.9095, -13.1957,
-3.8466

■ 24.1017, 32.7626,
14.8668

■ 65.8755, -15.9008,
-5.6765

■ 23.4847, 34.4322,
15.0739

■ 69.9196, -18.5247,
-7.5157

■ 74.0354, -21.0788,
-9.3641

Harmonies

Analogous

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



40.2926, 7.2971, 2.8993



40.2917, 5.5820, 6.8080



40.2926, 1.7950, 9.2455

Triad

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



40.2926, 5.5806, 6.8086



40.2926, -10.0352, 5.7067



40.2926, -1.4002, -7.3939

Complementary

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



40.2917, 5.5820, 6.8080



44.6072, -8.7569, -2.1611

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.



40.2926, -5.9528, -6.4212



40.2917, 5.5820, 6.8080



40.2926, -10.8035, 1.4741

Square

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



40.2926, 5.5806, 6.8086



40.2926, -7.1937, 8.6625



40.2926, -9.3423, -3.0423



40.2926, 3.1503, -5.5661

Rectangle

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



40.2917, 5.5820, 6.8080



40.2926, -1.3159, 9.8777



40.2926, -9.3423, -3.0423



40.2926, -2.9815, -7.3853

Sweetspot

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



40.2926, 5.5806, 6.8086



61.4520, -0.3460, 5.2114



39.8220, 12.0542, -5.7598



29.0687, -0.0690, 2.5241



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



40.2926, 5.5806, 6.8086



51.5643, 10.2121, 10.3629



44.4931, -1.8100, 10.9779



21.9036, 0.1910, 2.0520



22.9387, 33.5462, 14.7220



1.5846, 1.3101, 0.9993

Inverse Universe

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



44.6072, -8.7569, -2.1611



58.6149, -13.2914, -4.3106



40.1160, -1.6037, -8.1055



22.7117, -2.4819, 0.3746



35.6433, -14.4080, -13.4484



2.2867, -1.0884, -0.5086

Previews

White Background



This preview shows how the HunterLab color 40.2917, 5.5820, 6.8080 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 40.2917, 5.5820, 6.8080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

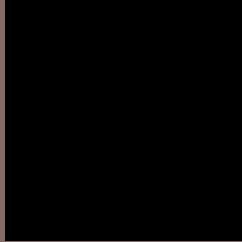
Any Text WCAG AA × Fail

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 40.2917, 5.5820, 6.8080 Background



This preview shows how black text looks on a background with the HunterLab color 40.2917, 5.5820, 6.8080.



This preview shows how white text looks on a background with the HunterLab color 40.2917, 5.5820,

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

40.2917, 5.5820, 6.8080

Protanopia

40.3743, -2.1481, 5.6082

Deuteranopia

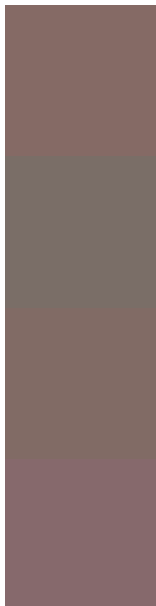
40.2203, 2.6823, 6.6811



Tritanopia

40.1731, 8.3715, 2.2772

Trichromacy



Original Color

40.2917, 5.5820, 6.8080

Protanomaly

40.3345, 0.4445, 5.9993

Deuteranomaly

40.1523, 3.7962, 6.6280

Tritanomaly

40.3165, 7.3247, 4.1069

Monochromacy



Original Color

40.2917, 5.5820, 6.8080

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

40.6669, 0.5102, 3.9742

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2917, 5.5820, 6.8080 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(133, 106, 101)` looks like.

```
.text, #text, p{  
    color:rgb(133, 106, 101)  
}
```

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(133, 106, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 106, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2917, 5.5820, 6.8080 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(133, 106, 101) }
```


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

```
.border{ border-color:rgb(133, 106, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 106, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 106, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 106, 101);  
box-shadow:4px 4px 4px 4px rgb(133, 106,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2917, 5.5820, 6.8080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 106, 101) }
```

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

```
.background{ background-color: rgb(133,  
106, 101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor