

Converting Colors

HunterLab(33.1176, 8.2025,
5.3040)

Have a look what the booklet for
HunterLab(33.1176, 8.2025, 5.3040)
contains.

| | |
|---|----|
| HunterLab(33.0678, 8.1182, 5.1088) | 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(33.0678, 8.1182,
5.1088)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 755555 |
| RGB | 117, 85, 85 |
| RGB Percent | 46%, 33%, 33% |
| CMY | 0.5412, 0.6667, 0.6667 |
| CMYK | 0.00, 0.27, 0.27, 0.54 |
| HSL | 0°, 16%, 40% |
| HSV | 0°, 27%, 46% |
| XYZ | 12.2243, 10.9348, 10.0607 |
| YIQ | 94.5680, 19.0720, 6.7840 |

Conversions

Conversions Part 2

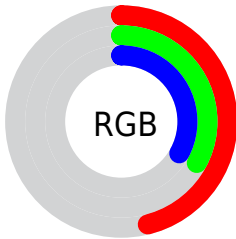
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 117, 85, 85 |
| Decimal | 7689557 |
| CIE Lab | 39.47, 13.29, 5.22 |
| CIE LCh | 39, 14.277, 21.454 |
| Yxy | 10.9353, 0.3680, 0.3292 |
| Android (android.graphics.Color) | 4285879637 (0xFF755555) |
| YUV | 94.5680, -4.7170, 19.6729 |
| Hunter-Lab | 33.0678, 8.1182, 5.1088 |

Details

The HunterLab color **33.0678, 8.1182, 5.1088** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **39.9221, -10.3148, -0.5752**, and the grayscale version is **33.6802, -1.7971, 1.8299**.

A 20% lighter version of the original color is **52.5578, 8.6030, 6.6788**, and **17.0286, 7.1576, 3.6286** is the 20% darker color. If you saturate the color by 10%, you get **30.1199, 12.1910, 6.2621**, and if you desaturate by 10%, it is **36.2407, 4.1903, 4.0221**.

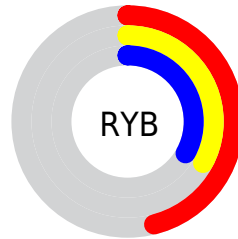
Distribution



Red (46%)

Green (33%)

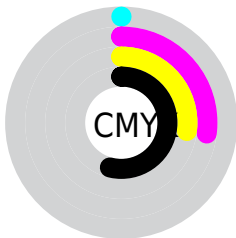
Blue (33%)



Red (46%)

Yellow (33%)

Blue (33%)

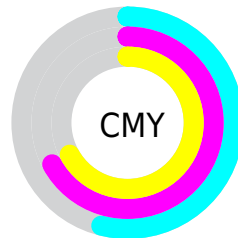


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (54%)



Cyan (54%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0678, 8.1182, 5.1088 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 33.0678, 8.1182, 5.1088 by changing the saturation by 10% instead.

33.0678, 8.1182,
5.1088

33.0678, 8.1182,
5.1088

140.4362, 7.9698,
13.1900

24.5425, 7.7450,
4.2957

52.4790, 8.5591,
6.7738

16.9094, 7.2455,
3.4847

63.2475, 8.6564,
7.6313

10.2894, 6.5868,
2.7277

74.6659, 8.6837,
8.5077

0.0000, INF, NaN

0.0000, NaN, NaN

86.6991, 8.6478,
9.4039

0.0000, NaN, NaN

99.3171, 8.5543,
10.3201

0.0000, NaN, NaN

112.4941, 8.4077,

0.0000, NaN, NaN

11.2565

0.0000, NaN, NaN

126.2071, 8.2118,
12.2132

■ 33.0678, 8.1182,
5.1088

■ 33.0678, 8.1182,
5.1088

■ 30.1199, 12.1910,
6.2621

■ 36.2407, 4.1903,
4.0221

■ 27.4368, 16.3672,
7.4682

■ 39.6020, 0.4220,
3.0016

■ 25.0689, 20.5424,
8.6966

■ 43.1249, -3.1951,
2.0433

■ 23.0708, 24.5319,
9.8893

■ 46.7875, -6.6763,
1.1407

■ 21.4947, 28.0633,
10.9589

■ 50.5721, -10.0391,
0.2865

■ 20.3767, 30.8211,
11.8022

■ 54.4646, -13.3012,
-0.5262

■ 19.6372, 32.7806,
12.4054

■ 58.4535, -16.4784,
-1.3034

■ 19.4476, 33.3022,
12.5665

■ 62.5293, -19.5848,
-2.0507

■ 66.6842, -22.6325,
-2.7726

Harmonies

Analogous

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



33.0686, 8.7707, 0.3476



33.0678, 8.1182, 5.1088



33.0686, 4.7323, 8.4383

Triad

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



33.0686, 8.1169, 5.1094



33.0686, -9.2651, 7.2204



33.0686, -3.2464, -9.1185

Complementary

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



33.0678, 8.1182, 5.1088



39.9221, -10.3148, -0.5752

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.



33.0686, -7.7987, -6.5842



33.0678, 8.1182, 5.1088



33.0686, -11.1294, 3.1894

Square

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



33.0686, 8.1169, 5.1094



33.0686, -5.3624, 9.5189



33.0686, -10.6097, -1.8912



33.0686, 1.9906, -8.3914

Rectangle

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



33.0678, 8.1182, 5.1088



33.0686, 1.4914, 9.6416



33.0686, -10.6097, -1.8912



33.0686, -4.9024, -8.6072

Sweetspot

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



33.0686, 8.1169, 5.1094



52.6000, 0.9887, 4.1303



34.0050, 12.9074, -8.1639



24.9454, 0.7736, 2.0609



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



33.0686, 8.1169, 5.1094



41.6483, 14.3871, 7.8309



37.0746, 0.7407, 9.1138



19.2377, 0.5162, 1.5624



20.4133, 34.9560, 13.1905



45.0621, 77.1680, 29.1180

Inverse Universe

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



39.9221, -10.3148, -0.5752



52.8544, -15.9073, -1.5164



35.3881, -3.3623, -6.4497



20.3844, -2.5435, 0.6194



39.2815, -20.8233, -4.1469



86.7143, -45.9674, -9.1548

Previews

White Background



This preview shows how the HunterLab color 33.0678, 8.1182, 5.1088 looks on a white background.

Color Contrast Check

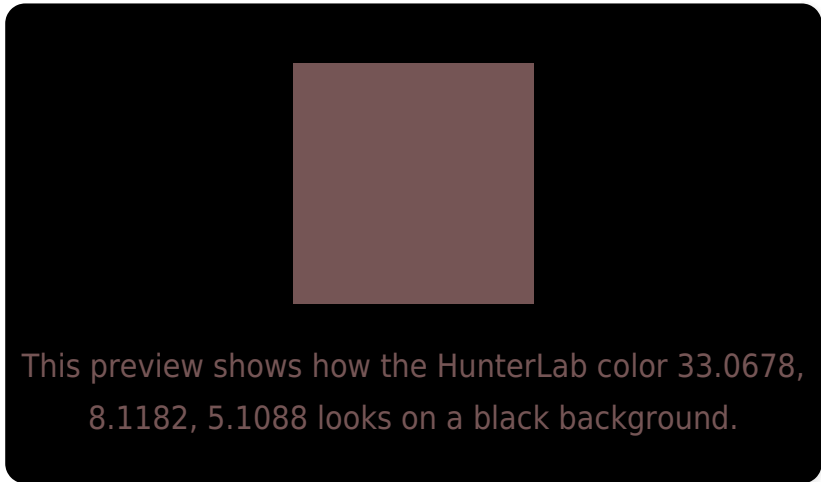
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

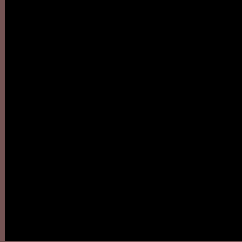
Any Text WCAG AA × Fail

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 33.0678, 8.1182, 5.1088 Background



This preview shows how black text looks on a background with the HunterLab color 33.0678, 8.1182, 5.1088.



This preview shows how white text looks on a background with the HunterLab color 33.0678, 8.1182,

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

33.0678, 8.1182, 5.1088

Protanopia

33.2216, -1.4989, 3.5774

Deuteranopia

33.1913, 2.1494, 5.5072



Tritanopia

33.0871, 9.6945, 2.8220

Trichromacy



Original Color

33.0678, 8.1182, 5.1088

Protanomaly

33.1058, 2.0568, 3.9009

Deuteranomaly

33.0674, 4.3197, 5.4128

Tritanomaly

33.0355, 9.4300, 3.5591

Monochromacy



Original Color

33.0678, 8.1182, 5.1088

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

33.3483, 1.7124, 2.9822

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0678, 8.1182, 5.1088 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(117, 85, 85)` looks like.

```
.text, #text, p{  
    color:rgb(117, 85, 85)  
}
```

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(117, 85, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 85, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0678, 8.1182, 5.1088 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(117, 85, 85) }
```


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

```
.border{ border-color:rgb(117, 85, 85) }
```

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

Here you see how a box with a 4 pixel rgb(117, 85, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 85, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 85, 85);  
box-shadow:4px 4px 4px 4px rgb(117, 85,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.0678, 8.1182, 5.1088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 85, 85) }
```

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

```
.background{ background-color: rgb(117, 85,  
85) }
```

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