

Converting Colors

HunterLab(58.3451, -0.8246,
16.2209)

Have a look what the booklet for
HunterLab(58.3451, -0.8246,
16.2209) contains.

HunterLab(58.3415, -0.8191, 16.2180)	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(58.3415, -0.8191,
16.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9B7D
RGB	175, 155, 125
RGB Percent	69%, 61%, 49%
CMY	0.3137, 0.3921, 0.5098
CMYK	0.00, 0.11, 0.29, 0.31
HSL	36°, 24%, 59%
HSV	36°, 29%, 69%
XYZ	33.1022, 34.0373, 24.2272
YIQ	157.5600, 21.5500, -5.0900

Conversions

Conversions Part 2

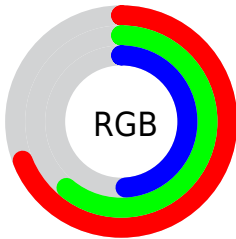
Format	Color
RYB	158, 175, 125
Decimal	11508605
CIELab	64.99, 2.68, 18.45
CIELCh	65, 18.643, 81.742
Yxy	34.0389, 0.3623, 0.3725
Android (android.graphics.Color)	4289698685 (0xFFAF9B7D)
YUV	157.5600, -16.0521, 15.2949
Hunter-Lab	58.3415, -0.8191, 16.2180

Details

The HunterLab color $58.3415, -0.8191, 16.2180$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $52.6356, -2.8534, -13.3011$, and the grayscale version is $58.3523, -3.1135, 3.1704$.

A 20% lighter version of the original color is $81.1198, -1.5900, 19.1729$, and $38.1576, 0.0297, 12.8888$ is the 20% darker color. If you saturate the color by 10%, you get $56.0069, 0.6300, 19.6501$, and if you desaturate by 10%, it is $60.7650, -1.9961, 12.2452$.

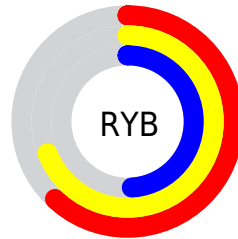
Distribution



Red (69%)

Green (61%)

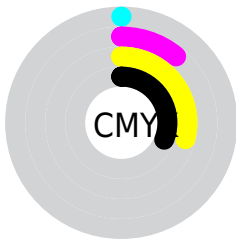
Blue (49%)



Red (62%)

Yellow (69%)

Blue (49%)

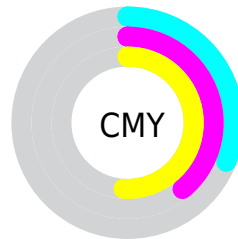


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (31%)



Cyan (31%)

Magenta (39%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3415, -0.8191, 16.2180 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 58.3415, -0.8191, 16.2180 by changing the saturation by 10% instead.

■ 58.3415, -0.8191,
16.2180

■ 58.3415, -0.8191,
16.2180

178.9707, -6.2376,
30.1038

■ 47.8784, -0.4062,
14.5819

■ 81.2367, -1.7800,
19.3881

■ 38.1274, -0.0397,
12.8903

■ 93.5963, -2.3179,
20.9399

■ 29.1463, 0.2726,
11.1200

■ 106.5260, -2.8916,
22.4785

■ 21.0080, 0.5230,
9.2330

120.0016, -3.4991,
24.0086

■ 13.8107, 0.6997,
7.4462

134.0020, -4.1389,
25.5336

■ 7.4351, 1.1722,
5.2045

148.5080, -4.8094,

0.0000, NaN, NaN

27.0564

0.0000, NaN, NaN

163.5028, -5.5093,
28.5792

0.0000, NaN, NaN

■ 58.3415, -0.8191,
16.2180

■ 58.3415, -0.8191,
16.2180

■ 56.0069, 0.6300,
19.6501

■ 60.7650, -1.9961,
12.2452

■ 53.7625, 2.3685,
22.5020

■ 63.2682, -2.9088,
7.7676

■ 51.6149, 4.4025,
24.7405

■ 65.8477, -3.5741,
2.8236

■ 49.5693, 6.7345,
26.3388

■ 68.4987, -4.0072,
-2.5511

■ 47.6302, 9.3592,
27.2829

■ 71.2171, -4.2233,
-8.3226

■ 45.8013, 12.2601,
27.5804

■ 73.9987, -4.2373,
-14.4597

■ 44.0799, 15.3839,
27.3346

■ 76.8399, -4.0632,
-20.9340

■ 43.8405, 15.8349,
27.2916

■ 79.3217, -5.9942,
-21.9430

■ 81.5308, -9.5691,
-18.7282

Harmonies

Analogous

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



58.3428, 7.0312, 13.8226



58.3415, -0.8191, 16.2180



58.3428, -8.8749, 15.5218

Triad

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



58.3428, -0.8210, 16.2188



58.3428, -17.1271, -2.6930



58.3428, 9.8652, -6.9583

Complementary

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



58.3415, -0.8191, 16.2180



52.6356, -2.8534, -13.3011

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.



58.3428, 2.8749, -12.6454



58.3415, -0.8191, 16.2180



58.3428, -12.6141, -9.9545

Square

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



58.3428, -0.8210, 16.2188



58.3428, -17.9946, 5.3011



58.3428, -5.3763, -13.8119



58.3428, 13.4210, 0.9673

Rectangle

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



58.3415, -0.8191, 16.2180



58.3428, -13.3029, 13.3474



58.3428, -5.3763, -13.8119



58.3428, 7.8213, -9.2383

Sweetspot

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



58.3428, -0.8210, 16.2188



84.4710, -3.8306, 10.7632



50.8192, 16.8753, 0.3563



39.5947, -1.7320, 5.4949



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



58.3428, -0.8210, 16.2188



76.1832, 0.0242, 24.5581



63.7862, -11.9762, 21.0603



29.6386, -1.3395, 3.8099



37.2649, 13.0584, 23.1911



6.9967, 0.6697, 4.3231

Inverse Universe

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



52.6356, -2.8534, -13.3011



67.0158, -3.1478, -23.0233



47.4432, 8.3167, -21.3050



28.7459, -1.6722, -0.7817



23.3793, 13.7986, -59.0092



5.1079, -0.0704, -6.2325

Previews

White Background



This preview shows how the HunterLab color 58.3415, -0.8191, 16.2180 looks on a white background.

Color Contrast Check

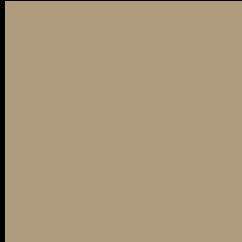
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 58.3415, -0.8191, 16.2180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

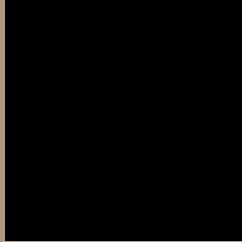
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 58.3415, -0.8191, 16.2180 Background



This preview shows how black text looks on a background with the HunterLab color 58.3415, -0.8191, 16.2180.



This preview shows how white text looks on a background with the HunterLab color 58.3415, -0.8191, 16.2180.

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

58.3415, -0.8191, 16.2180

Protanopia

58.5533, -4.4857, 16.0147

Deuteranopia

58.4407, 3.9028, 16.0537



Tritanopia

58.3138, 8.2038, 1.3217

Trichromacy



Original Color

58.3415, -0.8191, 16.2180

Protanomaly

58.5476, -3.0142, 16.0350

Deuteranomaly

58.4060, 2.3517, 15.9932

Tritanomaly

58.3878, 4.8616, 7.1903

Monochromacy



Original Color

58.3415, -0.8191, 16.2180

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

58.3796, -2.6246, 8.3091

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.3415, -0.8191, 16.2180 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(175, 155, 125)` looks like.

```
.text, #text, p{  
    color:rgb(175, 155, 125)  
}
```

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(175, 155, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 155, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 58.3415, -0.8191, 16.2180 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(175, 155, 125) }
```


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

```
.border{ border-color:rgb(175, 155, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 155, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 155, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 155, 125);  
box-shadow:4px 4px 4px 4px rgb(175, 155,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.3415, -0.8191, 16.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 155, 125) }
```

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

```
.background{ background-color: rgb(175,  
155, 125) }
```

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