

Converting Colors

HunterLab(58.2866, -7.8533,
35.7783)

Have a look what the booklet for
HunterLab(58.2866, -7.8533,
35.7783) contains.

HunterLab(58.3416, -7.8103, 35.8131)	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(58.3416, -7.8103,
35.8131)**

Conversions

Conversions Part 1

Format	Color
Hex	B39E00
RGB	179, 158, 0
RGB Percent	70%, 62%, 0%
CMY	0.2980, 0.3804, 0.9999
CMYK	0.00, 0.12, 1.00, 0.30
HSL	53°, 100%, 35%
HSV	53°, 100%, 70%
XYZ	30.8173, 34.0374, 4.9456
YIQ	146.2670, 63.2340, -44.6860

Conversions

Conversions Part 2

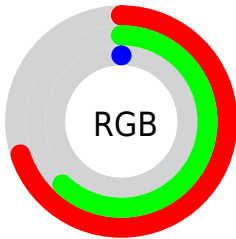
Format	Color
R _Y B	24, 179, 0
Decimal	11771392
CIE Lab	64.99, -5.61, 68.28
CIE LCh	65, 68.512, 94.698
Yxy	34.0391, 0.4415, 0.4876
Android (android.graphics.Color)	4289961472 (0xFFB39E00)
YUV	146.2670, -72.1096, 28.7068
Hunter-Lab	58.3416, -7.8103, 35.8131

Details

The HunterLab color **58.3416, -7.8103, 35.8131** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **19.4714, 42.9770, -117.1100**, and the grayscale version is **53.9853, -2.8805, 2.9331**.

A 20% lighter version of the original color is **81.2070, -9.3255, 45.0160**, and **38.2792, -5.0451, 23.4991** is the 20% darker color. If you saturate the color by 10%, you get **58.3425, -7.8121, 35.8136**, and if you desaturate by 10%, it is **58.9957, -8.5770, 35.6313**.

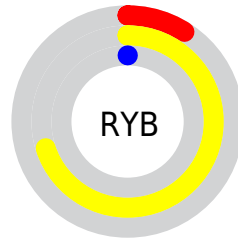
Distribution



Red (70%)

Green (62%)

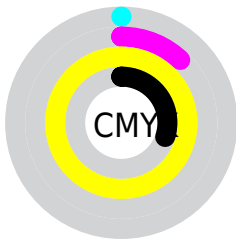
Blue (0%)



Red (9%)

Yellow (70%)

Blue (0%)

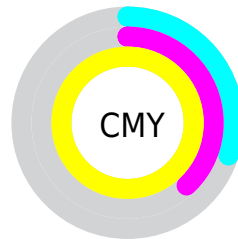


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3416, -7.8103, 35.8131 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 58.3416, -7.8103, 35.8131 by changing the saturation by 10% instead.

■ 58.3416, -7.8103,
35.8131

■ 58.3416, -7.8103,
35.8131

178.9710,
-16.4413, 72.8624

■ 47.8786, -6.9443,
30.8432

■ 81.2369, -9.6002,
45.0867

■ 38.1276, -6.0905,
25.6789

■ 93.5965, -10.5211,
49.4398

■ 29.1465, -5.2480,
20.4025

■ 106.5262,
-11.4607, 53.6355

■ 21.0081, -4.4109,
14.7057

■ 120.0019,
-12.4191, 57.6938

■ 13.8108, -3.5678,
9.6676

■ 134.0022,
-13.3965, 61.6320

■ 7.4352, -3.6856,
5.2046

■ 148.5083,

0.0000, NaN, NaN

-14.3927, 65.4649

0.0000, NaN, NaN

163.5030,
-15.4077, 69.2047

0.0000, NaN, NaN

58.3416, -7.8103,
35.8131

58.3416, -7.8103,
35.8131

58.3425, -7.8121,
35.8136

58.9957, -8.5770,
35.6313

59.6846, -9.1571,
34.9738

60.4211, -9.4889,
33.6749

61.2093, -9.5481,
31.6749

62.0523, -9.3178,
28.9344

■ 62.9522, -8.7868,
25.4287

■ 63.9104, -7.9487,
21.1453

■ 64.9277, -6.8008,
16.0816

■ 66.0047, -5.3438,
10.2432

Harmonies

Analogous

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



58.3430, 23.9380, 34.3506



58.3416, -7.8103, 35.8131



58.3430, -32.7217, 32.8409

Triad

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



58.3430, -7.8127, 35.8135



58.3430, -43.7138, -38.0150



58.3430, 59.4693, -25.8326

Complementary

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



58.3416, -7.8103, 35.8131



19.4714, 42.9770, -117.1100

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.



58.3430, 33.9012, -63.2586



58.3416, -7.8103, 35.8131



58.3430, -25.9922, -72.4588

Square

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



58.3430, -7.8127, 35.8135



58.3430, -50.5772, -1.5494



58.3430, 1.7338, -83.4930



58.3430, 67.0643, 7.5360

Rectangle

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



58.3416, -7.8103, 35.8131



58.3430, -43.4655, 26.9873



58.3430, 1.7338, -83.4930



58.3430, 52.4675, -38.8015

Sweetspot

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



58.3430, -7.8127, 35.8135



85.4620, -10.7054, 28.6186



31.0634, 53.4053, 18.4393



39.9709, -5.2785, 14.6444



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



58.3430, -7.8127, 35.8135



77.9398, -10.2353, 47.8470



59.8125, -36.0982, 36.2239



31.1979, -2.4714, 4.6375



49.1072, -6.6665, 30.1429



8.9808, -1.6032, 5.5059

Inverse Universe

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



19.4714, 42.9770, -117.1100



25.7351, 58.7930, -159.0839



20.9781, 51.4360, -106.7070



28.9576, -0.6250, -1.6314



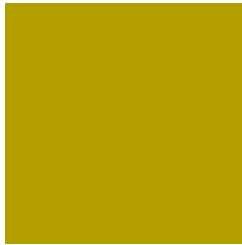
16.5251, 35.5158, -97.3234



3.7053, 3.7948, -12.8233

Previews

White Background



This preview shows how the HunterLab color 58.3416, -7.8103, 35.8131 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 58.3416, -7.8103, 35.8131 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 58.3416, -7.8103, 35.8131 Background



This preview shows how black text looks on a background with the HunterLab color 58.3416, -7.8103, 35.8131.



This preview shows how white text looks on a background with the HunterLab color 58.3416, -7.8103,

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

58.3416, -7.8103, 35.8131

Protanopia

58.2435, -8.1522, 35.6882

Deuteranopia

58.3111, 3.8018, 35.3711



Tritanopia

58.3330, 12.1914, 3.2795

Trichromacy



Original Color

58.3416, -7.8103, 35.8131

Protanomaly

58.2416, -8.1626, 35.7161

Deuteranomaly

58.3228, -0.4673, 35.5765

Tritanomaly

57.7816, 2.1338, 23.0088

Monochromacy



Original Color

58.3416, -7.8103, 35.8131

Achromatopsia

53.6135, -2.8607, 2.9129

Achromatomaly

54.6554, -7.5237, 22.3126

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.3416, -7.8103, 35.8131 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(179, 158, 0)` looks like.

```
.text, #text, p{  
    color:rgb(179, 158, 0)  
}
```

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(179, 158, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 158, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 58.3416, -7.8103, 35.8131 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(179, 158, 0) }
```


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

```
.border{ border-color:rgb(179, 158, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 158, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 158, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 158, 0);  
box-shadow:4px 4px 4px 4px rgb(179, 158,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.3416, -7.8103, 35.8131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 158, 0) }
```

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

```
.background{ background-color: rgb(179,  
158, 0) }
```

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