

Converting Colors

HunterLab(58.2615, 3.6610,
35.8359)

Have a look what the booklet for
HunterLab(58.2615, 3.6610,
35.8359) contains.

HunterLab(58.2783, 3.6259, 35.8574)	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(58.2783, 3.6259,
35.8574)**

Conversions

Conversions Part 1

Format	Color
Hex	C79604
RGB	199, 150, 4
RGB Percent	78%, 59%, 2%
CMY	0.2196, 0.4117, 0.9843
CMYK	0.00, 0.25, 0.98, 0.22
HSL	45°, 96%, 40%
HSV	45°, 98%, 78%
XYZ	34.4815, 33.9636, 4.8532
YIQ	148.0070, 76.0700, -35.0180

Conversions

Conversions Part 2

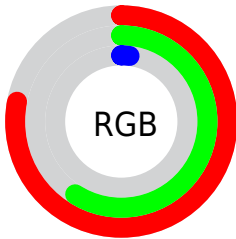
Format	Color
RYB	69, 199, 4
Decimal	13080068
CIELab	64.94, 7.75, 68.63
CIELCh	65, 69.064, 83.558
Yxy	33.9653, 0.4704, 0.4634
Android (android.graphics.Color)	4291270148 (0xFFC79604)
YUV	148.0070, -70.9955, 44.7209
Hunter-Lab	58.2783, 3.6259, 35.8574

Details

The HunterLab color **58.2783, 3.6259, 35.8574** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **25.8772, 34.9549, -107.2421**, and the grayscale version is **54.6785, -2.9175, 2.9708**.

A 20% lighter version of the original color is **80.5939, 0.9363, 44.7809**, and **38.3273, 4.5205, 23.6962** is the 20% darker color. If you saturate the color by 10%, you get **57.9965, 4.0735, 35.8085**, and if you desaturate by 10%, it is **59.7095, 1.4532, 35.9647**.

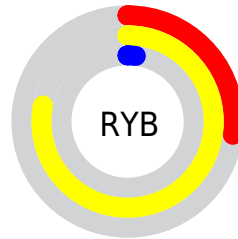
Distribution



Red (78%)

Green (59%)

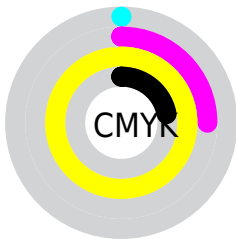
Blue (2%)



Red (27%)

Yellow (78%)

Blue (2%)

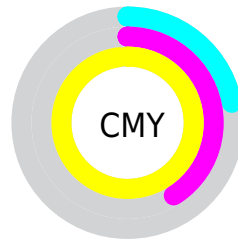


Cyan (0%)

Magenta (25%)

Yellow (98%)

Black (22%)



Cyan (22%)

Magenta (41%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.2783, 3.6259, 35.8574 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 58.2783, 3.6259, 35.8574 by changing the saturation by 10% instead.

■ 58.2783, 3.6259,
35.8574

■ 58.2783, 3.6259,
35.8574

178.8791, 0.1217,
73.0814

■ 47.8194, 3.7715,
30.8642

■ 81.1663, 3.1542,
45.1760

■ 38.0727, 3.8535,
25.6878

■ 93.5225, 2.8440,
49.5502

■ 29.0963, 3.8592,
20.3674

■ 106.4489, 2.4883,
53.7660

■ 20.9631, 3.7747,
14.6742

■ 119.9214, 2.0904,
57.8436

■ 13.7717, 3.5789,
9.6402

■ 133.9187, 1.6527,
61.8002

■ 7.3915, 4.1732,
5.1740

■ 148.4219, 1.1774,

0.0000, NaN, NaN

65.6506

0.0000, NaN, NaN

163.4138, 0.6665,
69.4075

0.0000, NaN, NaN

58.2783, 3.6259,
35.8574

58.2783, 3.6259,
35.8574

57.9965, 4.0735,
35.8085

59.7095, 1.4532,
35.9647

61.2096, -0.4537,
35.4187

62.7865, -2.0525,
34.1127

64.4422, -3.3228,
32.0067

66.1772, -4.2541,
29.0856

■ 67.9910, -4.8427,
25.3516

■ 69.8825, -5.0904,
20.8187

■ 71.8499, -5.0031,
15.5101

■ 73.8913, -4.5895,
9.4544

Harmonies

Analogous

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



58.2798, 36.0328, 32.5939



58.2783, 3.6259, 35.8574



58.2798, -24.7758, 34.6610

Triad

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



58.2798, 3.6231, 35.8579



58.2798, -47.7652, -23.8631



58.2798, 52.0522, -40.7221

Complementary

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



58.2783, 3.6259, 35.8574



25.8772, 34.9549, -107.2421

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.



58.2798, 22.2646, -74.7798



58.2783, 3.6259, 35.8574



58.2798, -34.0542, -62.0351

Square

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



58.2798, 3.6231, 35.8579



58.2798, -50.7399, 9.0981



58.2798, -9.5559, -84.1140



58.2798, 67.4734, -3.4495

Rectangle

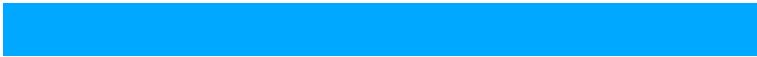
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.2783, 3.6259, 35.8574



58.2798, -38.3100, 30.8711



58.2798, -9.5559, -84.1140



58.2798, 43.1255, -53.5657

Sweetspot

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



58.2798, 3.6231, 35.8579



92.1035, -6.7161, 28.4774



35.3762, 60.7572, 16.5897



42.1073, -3.0541, 14.4053

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.2798, 3.6231, 35.8579



76.4785, 5.8631, 47.2283



69.0483, -33.7739, 41.8570



34.5662, -2.1916, 4.8585



46.6628, 2.9886, 28.8057



10.6828, -0.2666, 6.5780

Inverse Universe

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



25.8772, 34.9549, -107.2421



33.0077, 49.7850, -148.7282



22.0825, 55.4754, -130.4951



32.7313, -1.2742, -1.4410



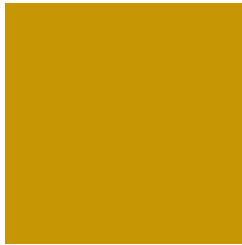
20.5861, 28.3295, -86.8861



5.6593, 3.0670, -13.6945

Previews

White Background



This preview shows how the HunterLab color 58.2783, 3.6259, 35.8574 looks on a white background.

Color Contrast Check

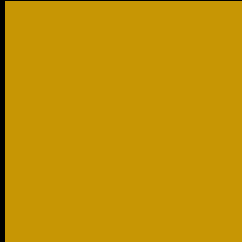
Large Text (above 18pt) WCAG AA × Fail

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 58.2783, 3.6259, 35.8574 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 58.2783, 3.6259, 35.8574 Background



This preview shows how black text looks on a background with the HunterLab color 58.2783, 3.6259, 35.8574.



This preview shows how white text looks on a background with the HunterLab color 58.2783, 3.6259,

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

58.2783, 3.6259, 35.8574

Protanopia

58.2605, -8.0577, 35.4366

Deuteranopia

58.3997, 4.0412, 35.8814



Tritanopia

58.1284, 21.6942, 6.7674

Trichromacy



Original Color

58.2783, 3.6259, 35.8574

Protanomaly

58.2231, -3.7395, 35.5774

Deuteranomaly

58.3978, 4.0312, 35.9092

Tritanomaly

57.6233, 12.5621, 24.0908

Monochromacy



Original Color

58.2783, 3.6259, 35.8574

Achromatopsia

54.4186, -2.9036, 2.9567

Achromatomaly

55.2765, -3.7481, 22.1257

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.2783, 3.6259, 35.8574 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(199, 150, 4)` looks like.

```
.text, #text, p{  
    color:rgb(199, 150, 4)  
}
```

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(199, 150, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 150, 4) }
```

Border

The CSS property to change the border of an element to HunterLab 58.2783, 3.6259, 35.8574 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(199, 150, 4) }
```


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

```
.border{ border-color:rgb(199, 150, 4) }
```

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

Here you see how a box with a 4 pixel rgb(199, 150, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 150, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 150, 4);  
box-shadow:4px 4px 4px 4px rgb(199, 150,  
4) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.2783, 3.6259, 35.8574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 150, 4) }
```

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

```
.background{ background-color: rgb(199,  
150, 4) }
```

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