

Converting Colors

HunterLab(50.5153, 31.5392,
31.6794)

Have a look what the booklet for
HunterLab(50.5153, 31.5392,
31.6794) contains.

HunterLab(50.4746, 31.8298, 31.6594)	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(50.4746, 31.8298,
31.6594)**

Conversions

Conversions Part 1

Format	Color
Hex	D96C00
RGB	217, 108, 0
RGB Percent	85%, 42%, 0%
CMY	0.1490, 0.5764, 1.0000
CMYK	0.00, 0.50, 1.00, 0.15
HSL	30°, 100%, 43%
HSV	30°, 100%, 85%
XYZ	33.9778, 25.4769, 3.1267
YIQ	128.2790, 99.6320, -10.4800

Conversions

Conversions Part 2

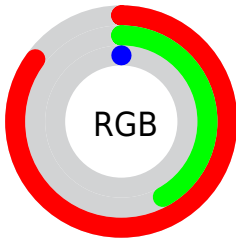
Format	Color
R_{YB}	217, 215, 0
Decimal	14248960
CIE _{Lab}	57.54, 37.88, 65.54
CIE _{LCh}	58, 75.704, 59.971
Yxy	25.4783, 0.5429, 0.4071
Android (android.graphics.Color)	4292439040 (0xFFD96C00)
YUV	128.2790, -63.2415, 77.8083
Hunter-Lab	50.4746, 31.8298, 31.6594

Details

The HunterLab color **50.4746, 31.8298, 31.6594** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **39.9338, 10.5429, -72.6722**, and the grayscale version is **46.7848, -2.4963, 2.5419**.

A 20% lighter version of the original color is **68.6695, 22.7906, 38.1279**, and **31.4560, 29.9612, 19.9076** is the 20% darker color. If you saturate the color by 10%, you get **50.4751, 31.8279, 31.6597**, and if you desaturate by 10%, it is **52.8960, 26.6978, 32.2273**.

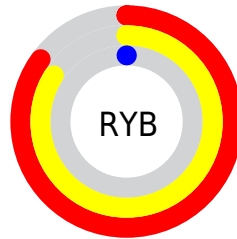
Distribution



Red (85%)

Green (42%)

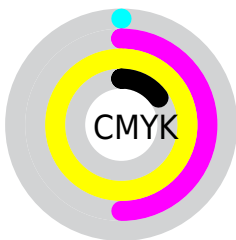
Blue (0%)



Red (85%)

Yellow (84%)

Blue (0%)

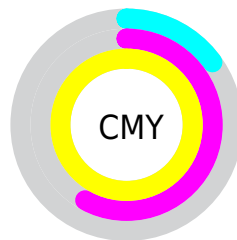


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.4746, 31.8298, 31.6594 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 50.4746, 31.8298, 31.6594 by changing the saturation by 10% instead.

50.4746, 31.8298,
31.6594

50.4746, 31.8298,
31.6594

167.3952, 39.3546,
68.3108

40.5385, 30.5069,
26.6805

72.4100, 34.1190,
40.9098

31.3554, 29.0615,
21.9488

84.3268, 35.1111,
45.2312

22.9944, 27.4889,
16.0961

96.8339, 36.0114,
49.3847

15.5463, 25.8152,
10.8824

109.9047, 36.8269,
53.3928

9.1354, 24.2108,
6.3948

123.5158, 37.5638,
57.2745

0.0000, INF, NaN

0.0000, NaN, NaN

137.6466, 38.2277,

61.0460

0.0000, NaN, NaN

152.2786, 38.8232,
64.7209

0.0000, NaN, NaN

50.4746, 31.8298,
31.6594

50.4746, 31.8298,
31.6594

50.4751, 31.8279,
31.6597

52.8960, 26.6978,
32.2273

55.5363, 21.7835,
32.1205

58.3932, 17.1942,
31.1881

61.4534, 12.9752,
29.4347

64.7025, 9.1457,
26.8988

■ 68.1260, 5.7069,
23.6352

■ 71.7100, 2.6482,
19.7057

■ 75.4414, -0.0483,
15.1720

■ 79.3084, -2.4048,
10.0932

Harmonies

Analogous

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



50.4760, 62.2127, 24.0736



50.4746, 31.8298, 31.6594



50.4760, -2.6651, 33.2016

Triad

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



50.4760, 31.8260, 31.6600



50.4760, -50.5666, 2.7769



50.4760, 31.7590, -78.4777

Complementary

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



50.4746, 31.8298, 31.6594



39.9338, 10.5429, -72.6722

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.



50.4760, -2.7269, -97.4073



50.4746, 31.8298, 31.6594



50.4760, -45.6105, -35.9734

Square

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



50.4760, 31.8260, 31.6600



50.4760, -45.5911, 24.0987



50.4760, -29.8781, -78.4101



50.4760, 62.1677, -36.0592

Rectangle

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



50.4746, 31.8298, 31.6594



50.4760, -21.9897, 32.5795



50.4760, -29.8781, -78.4101



50.4760, 20.0167, -88.6543

Sweetspot

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



50.4760, 31.8260, 31.6600



85.9659, 3.2752, 23.7978



39.9053, 71.2760, 3.0094



38.9154, 2.2152, 11.9775

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.4760, 31.8260, 31.6600



60.3467, 38.7944, 37.8645



79.0777, -19.8663, 48.3794



37.5723, -1.1937, 4.6277



39.5399, 24.1376, 24.7869



10.8866, 4.3221, 6.7839

Inverse Universe

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



39.9338, 10.5429, -72.6722



47.6236, 13.2858, -88.2057



22.5576, 59.9420, -157.5912



37.0035, -2.6419, -0.7217



31.4081, 7.5380, -55.5298



9.0080, 0.0619, -11.3929

Previews

White Background



This preview shows how the HunterLab color 50.4746, 31.8298, 31.6594 looks on a white 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

Black Background



This preview shows how the HunterLab color 50.4746, 31.8298, 31.6594 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 × Fail

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

HunterLab 50.4746, 31.8298, 31.6594 Background



This preview shows how black text looks on a background with the HunterLab color 50.4746, 31.8298, 31.6594.



This preview shows how white text looks on a background with the HunterLab color 50.4746, 31.8298,

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

50.4746, 31.8298, 31.6594

Protanopia

50.5768, -7.1226, 30.3183

Deuteranopia

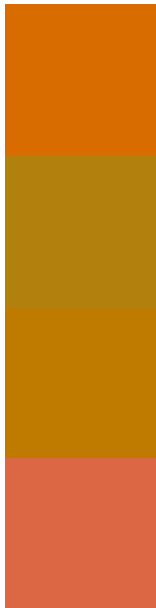
50.6127, 2.8788, 31.2377



Tritanopia

50.3900, 41.9153, 15.4172

Trichromacy



Original Color

50.4746, 31.8298, 31.6594

Protanomaly

49.9298, 6.0939, 30.4602

Deuteranomaly

50.1129, 13.1704, 31.1099

Tritanomaly

50.1776, 37.0778, 25.1063

Monochromacy



Original Color

50.4746, 31.8298, 31.6594

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.6288, 5.7563, 18.9348

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.4746, 31.8298, 31.6594 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(217, 108, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 108, 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(217, 108, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 108, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.4746, 31.8298, 31.6594 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(217, 108, 0) }
```


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

```
.border{ border-color:rgb(217, 108, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 108, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 108, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 108, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 108,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.4746, 31.8298, 31.6594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 108, 0) }
```

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

```
.background{ background-color: rgb(217,  
108, 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