

Converting Colors

HunterLab(49.8639, 31.0804,
31.2700)

Have a look what the booklet for
HunterLab(49.8639, 31.0804,
31.2700) contains.

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Color

**HunterLab(49.8112, 31.0485,
31.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	D66B00
RGB	214, 107, 0
RGB Percent	84%, 42%, 0%
CMY	0.1608, 0.5804, 1.0000
CMYK	0.00, 0.50, 1.00, 0.16
HSL	30°, 100%, 42%
HSV	30°, 100%, 84%
XYZ	32.9893, 24.8116, 3.0504
YIQ	126.7950, 98.1190, -10.5930

Conversions

Conversions Part 2

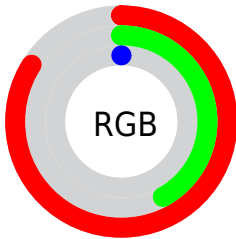
Format	Color
RYB	214, 214, 0
Decimal	14052096
CIELab	56.89, 37.19, 64.93
CIElCh	57, 74.829, 60.196
Yxy	24.8129, 0.5421, 0.4077
Android (android.graphics.Color)	4292242176 (0xFFD66B00)
YUV	126.7950, -62.5099, 76.4788
Hunter-Lab	49.8112, 31.0485, 31.2370

Details

The HunterLab color **49.8112, 31.0485, 31.2370** 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 **39.2047, 10.5921, -71.8673**, and the grayscale version is **46.1997, -2.4651, 2.5101**.

A 20% lighter version of the original color is **68.4068, 23.2673, 38.0920**, and **30.9865, 28.7950, 19.5979** is the 20% darker color. If you saturate the color by 10%, you get **49.8119, 31.0462, 31.2374**, and if you desaturate by 10%, it is **52.1915, 26.0234, 31.7872**.

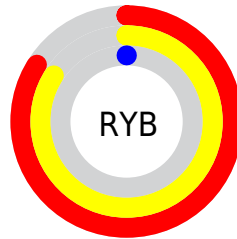
Distribution



Red (84%)

Green (42%)

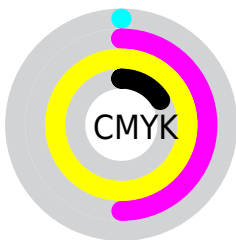
Blue (0%)



Red (84%)

Yellow (84%)

Blue (0%)

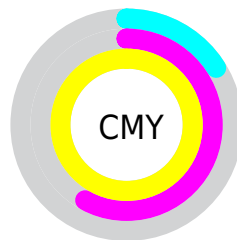


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8112, 31.0485, 31.2370 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 49.8112, 31.0485, 31.2370 by changing the saturation by 10% instead.

49.8112, 31.0485,
31.2370

49.8112, 31.0485,
31.2370

166.4046, 38.3959,
67.6683

39.9221, 29.7452,
26.2812

71.6614, 33.2976,
40.4385

30.7898, 28.3186,
21.5528

83.5391, 34.2695,
44.7348

22.4847, 26.7635,
15.7393

96.0089, 35.1497,
48.8632

15.0995, 25.1056,
10.5696

109.0441, 35.9453,
52.8464

8.7353, 23.6840,
6.1147

122.6209, 36.6626,
56.7035

0.0000, INF, NaN

0.0000, NaN, NaN

136.7187, 37.3070,

60.4508

0.0000, NaN, NaN

151.3189, 37.8834,
64.1018

0.0000, NaN, NaN

49.8112, 31.0485,
31.2370

49.8112, 31.0485,
31.2370

49.8119, 31.0462,
31.2374

52.1915, 26.0234,
31.7872

54.7846, 21.2144,
31.6761

57.5885, 16.7267,
30.7531

60.5906, 12.6036,
29.0224

63.7767, 8.8635,
26.5212

■ 67.1329, 5.5074,
23.3033

■ 70.6458, 2.5249,
19.4285

■ 74.3027, -0.1018,
14.9576

■ 78.0921, -2.3942,
9.9482

Harmonies

Analogous

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



49.8126, 61.0090, 23.8135



49.8112, 31.0485, 31.2370



49.8126, -2.8668, 32.7390

Triad

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



49.8126, 31.0448, 31.2376



49.8126, -49.8037, 2.5147



49.8126, 31.4925, -76.8665

Complementary

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



49.8112, 31.0485, 31.2370



39.2047, 10.5921, -71.8673

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.



49.8126, -2.4540, -95.7163



49.8112, 31.0485, 31.2370



49.8126, -44.8440, -35.6938

Square

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



49.8126, 31.0448, 31.2376



49.8126, -44.9741, 23.6458



49.8126, -29.2604, -77.3175



49.8126, 61.3094, -35.1211

Rectangle

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



49.8112, 31.0485, 31.2370



49.8126, -21.8394, 32.1071



49.8126, -29.2604, -77.3175



49.8126, 19.9463, -86.9329

Sweetspot

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



49.8126, 31.0448, 31.2376



86.0187, 3.1826, 23.8467



39.1890, 69.8203, 4.3246



38.9430, 2.1664, 12.0021

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8126, 31.0448, 31.2376



60.4728, 38.4974, 37.9370



78.9866, -21.2151, 48.2996



36.6558, -1.1779, 4.5143



38.9946, 23.5133, 24.4399



10.4053, 3.9505, 6.4808

Inverse Universe

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



39.2047, 10.5921, -71.8673



47.4625, 13.6078, -88.6994



22.0345, 59.7661, -156.5581



36.0892, -2.5644, -0.7045



30.8190, 7.5659, -54.8536



8.5932, -0.0154, -10.7075

Previews

White Background



This preview shows how the HunterLab color 49.8112, 31.0485, 31.2370 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 49.8112, 31.0485, 31.2370 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 49.8112, 31.0485, 31.2370 Background



This preview shows how black text looks on a background with the HunterLab color 49.8112, 31.0485, 31.2370.



This preview shows how white text looks on a background with the HunterLab color 49.8112, 31.0485,

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

49.8112, 31.0485, 31.2370

Protanopia

49.9068, -6.5730, 29.9053

Deuteranopia

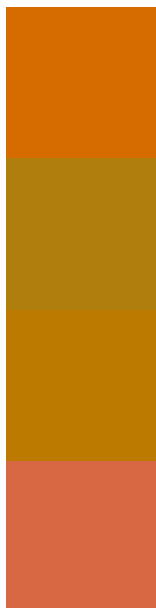
49.8493, 3.0578, 30.7704



Tritanopia

49.9066, 40.6156, 15.2638

Trichromacy



Original Color

49.8112, 31.0485, 31.2370

Protanomaly

49.1715, 6.2709, 29.9896

Deuteranomaly

49.6089, 12.8479, 30.7937

Tritanomaly

49.7038, 35.7763, 24.9192

Monochromacy



Original Color

49.8112, 31.0485, 31.2370

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.2579, 5.8706, 18.6290

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8112, 31.0485, 31.2370 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(214, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 107, 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(214, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 107, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8112, 31.0485, 31.2370 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(214, 107, 0) }
```


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

```
.border{ border-color:rgb(214, 107, 0) }
```

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

Here you see how a box with a 4 pixel rgb(214, 107, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 107,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8112, 31.0485, 31.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 107, 0) }
```

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

```
.background{ background-color: rgb(214,  
107, 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](#).

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