

Converting Colors

HunterLab(50.8103, 17.8461,
31.6215)

Have a look what the booklet for
HunterLab(50.8103, 17.8461,
31.6215) contains.

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Color

**HunterLab(50.8103, 17.8461,
31.6215)**

Conversions

Conversions Part 1

Format	Color
Hex	C77900
RGB	199, 121, 0
RGB Percent	78%, 47%, 0%
CMY	0.2196, 0.5255, 1.0000
CMYK	0.00, 0.39, 1.00, 0.22
HSL	36°, 100%, 39%
HSV	36°, 100%, 78%
XYZ	30.3906, 25.8169, 3.3814
YIQ	130.5280, 85.3290, -21.0950

Conversions

Conversions Part 2

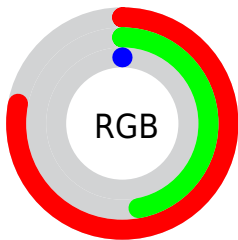
Format	Color
R _Y B	128, 199, 0
Decimal	13072640
CIE Lab	57.86, 23.53, 64.48
CIE LCh	58, 68.642, 69.956
Yxy	25.8182, 0.5100, 0.4333
Android (android.graphics.Color)	4291262720 (0xFFC77900)
YUV	130.5280, -64.3503, 60.0499
Hunter-Lab	50.8103, 17.8461, 31.6215

Details

The HunterLab color **50.8103, 17.8461, 31.6215** 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 **30.9395, 21.0493, -84.1101**, and the grayscale version is **47.6781, -2.5440, 2.5904**.

A 20% lighter version of the original color is **72.0760, 16.0694, 40.1955**, and **31.8178, 17.0526, 19.9045** is the 20% darker color. If you saturate the color by 10%, you get **50.8109, 17.8444, 31.6218**, and if you desaturate by 10%, it is **52.7651, 14.2336, 32.0239**.

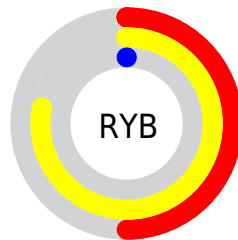
Distribution



Red (78%)

Green (47%)

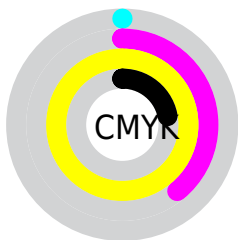
Blue (0%)



Red (50%)

Yellow (78%)

Blue (0%)

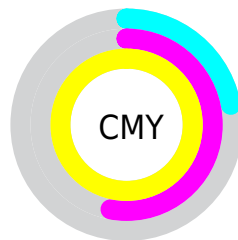


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.8103, 17.8461, 31.6215 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 50.8103, 17.8461, 31.6215 by changing the saturation by 10% instead.

50.8103, 17.8461,
31.6215

50.8103, 17.8461,
31.6215

167.8954, 20.4545,
67.7046

40.8506, 17.1494,
26.7191

72.7884, 18.9316,
40.7236

31.6419, 16.3384,
22.0447

84.7249, 19.3473,
44.9756

23.2529, 15.3929,
16.2770

97.2508, 19.6879,
49.0633

15.7733, 14.2945,
11.0413

110.3395, 19.9598,
53.0089

9.3306, 13.0396,
6.5314

123.9679, 20.1682,
56.8311

0.0000, INF, NaN

0.0000, NaN, NaN

138.1153, 20.3176,

60.5458

0.0000, NaN, NaN

152.7633, 20.4119,
64.1666

0.0000, NaN, NaN

50.8103, 17.8461,
31.6215

50.8103, 17.8461,
31.6215

50.8109, 17.8444,
31.6218

52.7651, 14.2336,
32.0239

54.8390, 10.8679,
31.8299

57.0391, 7.8203,
30.8824

59.3619, 5.1136,
29.1635

61.8027, 2.7562,
26.6838

■ 64.3558, 0.7467,
23.4713

■ 67.0153, -0.9229,
19.5636

■ 69.7753, -2.2654,
15.0035

■ 72.6300, -3.2962,
9.8354

Harmonies

Analogous

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



50.8116, 47.4784, 26.3985



50.8103, 17.8461, 31.6215



50.8116, -11.9994, 32.1815

Triad

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



50.8116, 17.8430, 31.6220



50.8116, -46.7953, -7.2860



50.8116, 38.2804, -57.0026

Complementary

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



50.8103, 17.8461, 31.6215



30.9395, 21.0493, -84.1101

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.



50.8116, 7.2903, -82.1173



50.8103, 17.8461, 31.6215



50.8116, -38.7796, -44.4481

Square

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



50.8116, 17.8430, 31.6220



50.8116, -45.2014, 17.7932



50.8116, -20.4466, -76.5507



50.8116, 60.9917, -18.9780

Rectangle

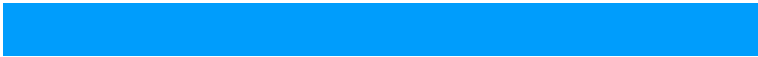
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.8103, 17.8461, 31.6215



50.8116, -27.6661, 30.6008



50.8116, -20.4466, -76.5507



50.8116, 28.2330, -67.9893

Sweetspot

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



50.8116, 17.8430, 31.6220



88.5176, -1.1324, 26.1357



35.6589, 62.6735, 10.5781



40.2492, -0.1078, 13.1577

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.8116, 17.8430, 31.6220



66.8736, 24.3606, 41.6337



71.0227, -26.1790, 43.3053



34.1937, -1.5732, 4.4612



40.9584, 13.8692, 25.4812



9.6561, 1.5595, 5.9773

Inverse Universe

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



30.9395, 21.0493, -84.1101



40.4029, 29.1505, -113.4276



20.6674, 55.3424, -141.3025



33.1029, -1.8937, -0.9805



25.1285, 16.1225, -66.2122



6.6289, 1.0772, -10.6109

Previews

White Background



This preview shows how the HunterLab color 50.8103, 17.8461, 31.6215 looks on a white background.

Color Contrast Check

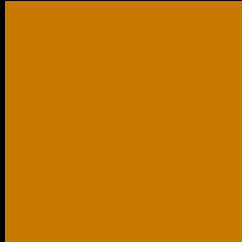
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.8103, 17.8461, 31.6215 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 50.8103, 17.8461, 31.6215 Background



This preview shows how black text looks on a background with the HunterLab color 50.8103, 17.8461, 31.6215.



This preview shows how white text looks on a background with the HunterLab color 50.8103, 17.8461,

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

50.8103, 17.8461, 31.6215

Protanopia

50.9497, -7.2901, 30.7414

Deuteranopia

50.7273, 3.2644, 31.3151



Tritanopia

50.7998, 31.0866, 10.7344

Trichromacy



Original Color

50.8103, 17.8461, 31.6215

Protanomaly

50.5644, 1.3742, 30.8449

Deuteranomaly

50.6248, 8.3218, 31.3404

Tritanomaly

50.3526, 24.7111, 23.1922

Monochromacy



Original Color

50.8103, 17.8461, 31.6215

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.8238, 1.6358, 19.3518

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.8103, 17.8461, 31.6215 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, 121, 0)` looks like.

```
.text, #text, p{  
    color:rgb(199, 121, 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(199, 121, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 121, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.8103, 17.8461, 31.6215 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, 121, 0) }
```


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

```
.border{ border-color:rgb(199, 121, 0) }
```

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

Here you see how a box with a 4 pixel rgb(199, 121, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 121, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 121, 0);  
box-shadow:4px 4px 4px 4px rgb(199, 121,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.8103, 17.8461, 31.6215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 121, 0) }
```

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

```
.background{ background-color: rgb(199,  
121, 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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