

Converting Colors

HunterLab(49.2818, 17.4860,
32.6489)

Have a look what the booklet for
HunterLab(49.2818, 17.4860,
32.6489) contains.

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Color

**HunterLab(49.3201, 18.1657,
30.7088)**

Conversions

Conversions Part 1

Format	Color
Hex	C37500
RGB	195, 117, 0
RGB Percent	76%, 46%, 0%
CMY	0.2353, 0.5412, 1.0000
CMYK	0.00, 0.40, 1.00, 0.24
HSL	36°, 100%, 38%
HSV	36°, 100%, 76%
XYZ	28.8670, 24.3247, 3.1737
YIQ	126.9840, 84.0450, -19.8510

Conversions

Conversions Part 2

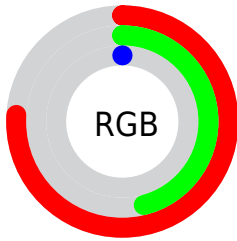
Format	Color
R_YB	130, 195, 0
Decimal	12809472
CIE Lab	56.41, 23.97, 63.30
CIE LCh	56, 67.683, 69.259
Yxy	24.3260, 0.5121, 0.4316
Android (android.graphics.Color)	4290999552 (0xFFC37500)
YUV	126.9840, -62.6031, 59.6500
Hunter-Lab	49.3201, 18.1657, 30.7088

Details

The HunterLab color **49.3201, 18.1657, 30.7088** 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 **30.6419, 19.6301, -80.6744**, and the grayscale version is **46.2780, -2.4693, 2.5144**.

A 20% lighter version of the original color is **70.7398, 18.6250, 39.4649**, and **30.4715, 17.3144, 19.0795** is the 20% darker color. If you saturate the color by 10%, you get **49.3206, 18.1642, 30.7091**, and if you desaturate by 10%, it is **51.2532, 14.5671, 31.0976**.

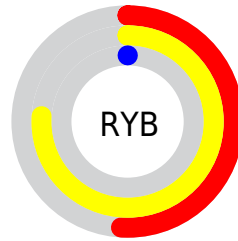
Distribution



Red (76%)

Green (46%)

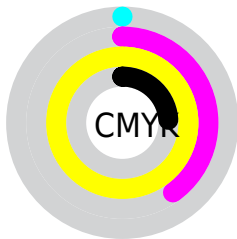
Blue (0%)



Red (51%)

Yellow (76%)

Blue (0%)

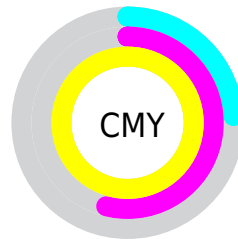


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3201, 18.1657, 30.7088 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 49.3201, 18.1657, 30.7088 by changing the saturation by 10% instead.

49.3201, 18.1657,
30.7088

49.3201, 18.1657,
30.7088

165.6697, 21.0232,
66.3849

39.4660, 17.4321,
25.8471

71.1067, 19.3177,
39.7229

30.3716, 16.5811,
21.2601

82.9553, 19.7635,
43.9290

22.1084, 15.5924,
15.4759

95.3973, 20.1326,
47.9704

14.7702, 14.4486,
10.3391

108.4059, 20.4315,
51.8697

8.4257, 13.4939,
5.8980

121.9572, 20.6657,
55.6459

0.0000, INF, NaN

0.0000, NaN, NaN

136.0305, 20.8398,

59.3152

0.0000, NaN, NaN

150.6069, 20.9578,
62.8910

0.0000, NaN, NaN

49.3201, 18.1657,
30.7088

49.3201, 18.1657,
30.7088

49.3206, 18.1642,
30.7091

51.2532, 14.5671,
31.0976

53.3064, 11.2073,
30.9076

55.4865, 8.1578,
29.9831

57.7895, 5.4411,
28.3084

60.2105, 3.0654,
25.8959

■ 62.7435, 1.0293,
22.7745

■ 65.3824, -0.6755,
18.9822

■ 68.1210, -2.0617,
14.5615

■ 70.9536, -3.1449,
9.5566

Harmonies

Analogous

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



49.3214, 46.9883, 25.4978



49.3201, 18.1657, 30.7088



49.3214, -11.0904, 31.3247

Triad

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



49.3214, 18.1626, 30.7093



49.3214, -45.6826, -6.3945



49.3214, 36.7571, -56.5964

Complementary

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



49.3201, 18.1657, 30.7088



30.6419, 19.6301, -80.6744

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.



49.3214, 6.4329, -80.6468



49.3201, 18.1657, 30.7088



49.3214, -38.1029, -42.6123

Square

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



49.3214, 18.1626, 30.7093



49.3214, -43.9162, 17.7282



49.3214, -20.4702, -74.4428



49.3214, 59.2948, -19.4007

Rectangle

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



49.3201, 18.1657, 30.7088



49.3214, -26.5197, 29.8635



49.3214, -20.4702, -74.4428



49.3214, 26.8906, -67.2272

Sweetspot

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



49.3214, 18.1626, 30.7093



87.3319, -0.8066, 25.6614



34.8602, 61.2758, 10.2930



40.1509, 0.0608, 13.0716

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.3214, 18.1626, 30.7093



65.6244, 25.1056, 40.8769



69.4276, -25.5818, 42.3329



33.2572, -1.4977, 4.3114



39.9728, 14.2061, 24.8798



9.0679, 1.4585, 5.6131

Inverse Universe

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



30.6419, 19.6301, -80.6744



40.4470, 27.6030, -110.1421



20.2087, 54.1020, -138.0753



32.2404, -1.8772, -0.9193



25.0136, 15.1003, -63.8620



6.3653, 0.7474, -9.5696

Previews

White Background



This preview shows how the HunterLab color 49.3201, 18.1657, 30.7088 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 49.3201, 18.1657, 30.7088 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 49.3201, 18.1657, 30.7088 Background



This preview shows how black text looks on a background with the HunterLab color 49.3201, 18.1657, 30.7088.



This preview shows how white text looks on a background with the HunterLab color 49.3201, 18.1657,

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

49.3201, 18.1657, 30.7088

Protanopia

49.4117, -6.8968, 29.7842

Deuteranopia

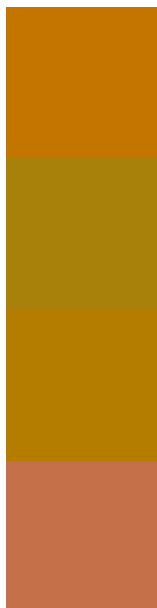
49.4683, 3.1471, 30.5373



Tritanopia

49.3596, 30.1842, 10.7281

Trichromacy



Original Color

49.3201, 18.1657, 30.7088

Protanomaly

49.0380, 1.7390, 29.9002

Deuteranomaly

49.3665, 8.1838, 30.5627

Tritanomaly

49.0801, 24.3772, 22.8434

Monochromacy



Original Color

49.3201, 18.1657, 30.7088

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.2984, 1.9353, 18.5937

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3201, 18.1657, 30.7088 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(195, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(195, 117, 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(195, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 117, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3201, 18.1657, 30.7088 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(195, 117, 0) }
```


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

```
.border{ border-color:rgb(195, 117, 0) }
```

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

Here you see how a box with a 4 pixel rgb(195, 117, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(195, 117,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3201, 18.1657, 30.7088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 117, 0) }
```

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

```
.background{ background-color: rgb(195,  
117, 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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