

Converting Colors

HunterLab(48.6522, 16.9682,
30.2770)

Have a look what the booklet for
HunterLab(48.6522, 16.9682,
30.2770) contains.

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Color

**HunterLab(48.5460, 17.0102,
30.2116)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BF7400 |
| RGB | 191, 116, 0 |
| RGB Percent | 75%, 45%, 0% |
| CMY | 0.2510, 0.5451, 1.0000 |
| CMYK | 0.00, 0.39, 1.00, 0.25 |
| HSL | 36°, 100%, 37% |
| HSV | 36°, 100%, 75% |
| XYZ | 27.7312, 23.5671, 3.0873 |
| YIQ | 125.2010, 81.9360, -20.1760 |

Conversions

Conversions Part 2

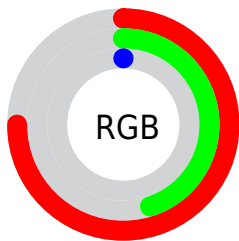
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 123, 191, 0 |
| Decimal | 12547072 |
| CIE Lab | 55.65, 22.78, 62.55 |
| CIE LCh | 56, 66.568, 69.991 |
| Yxy | 23.5684, 0.5099, 0.4333 |
| Android (android.graphics.Color) | 4290737152 (0xFFBF7400) |
| YUV | 125.2010, -61.7241, 57.7057 |
| Hunter-Lab | 48.5460, 17.0102, 30.2116 |

Details

The HunterLab color **48.5460, 17.0102, 30.2116** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **29.6546, 19.8555, -79.9271**, and the grayscale version is **45.5766, -2.4319, 2.4763**.

A 20% lighter version of the original color is **70.2091, 18.2980, 39.0985**, and **29.7315, 16.2158, 18.6043** is the 20% darker color. If you saturate the color by 10%, you get **48.5465, 17.0086, 30.2119**, and if you desaturate by 10%, it is **50.4136, 13.5716, 30.5719**.

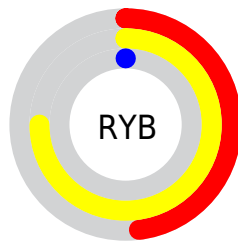
Distribution



Red (75%)

Green (45%)

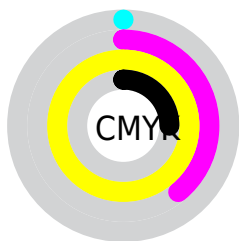
Blue (0%)



Red (48%)

Yellow (75%)

Blue (0%)

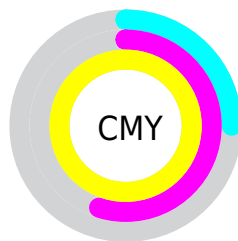


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5460, 17.0102, 30.2116 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 48.5460, 17.0102, 30.2116 by changing the saturation by 10% instead.

48.5460, 17.0102,
30.2116

48.5460, 17.0102,
30.2116

164.5087, 19.4894,
65.6108

38.7476, 16.3245,
25.3795

70.2317, 18.0701,
39.1632

29.7137, 15.5221,
20.7996

82.0339, 18.4717,
43.3376

21.5171, 14.5821,
15.0619

94.4319, 18.7978,
47.3474

14.2540, 13.4852,
9.9778

107.3983, 19.0549,
51.2154

7.9109, 13.0121,
5.5376

120.9092, 19.2483,
54.9608

0.0000, INF, NaN

0.0000, NaN, NaN

134.9435, 19.3827,

58.5998

0.0000, NaN, NaN

149.4823, 19.4619,
62.1460

0.0000, NaN, NaN

48.5460, 17.0102,
30.2116

48.5460, 17.0102,
30.2116

48.5465, 17.0086,
30.2119

50.4136, 13.5716,
30.5719

52.3942, 10.3658,
30.3715

54.4948, 7.4629,
29.4547

56.7123, 4.8840,
27.8052

59.0420, 2.6370,
25.4338

■ 61.4785, 0.7205,
22.3671

■ 64.0163, -0.8733,
18.6411

■ 66.6496, -2.1565,
14.2964

■ 69.3729, -3.1438,
9.3751

Harmonies

Analogous

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



48.5473, 45.3190, 25.2281



48.5460, 17.0102, 30.2116



48.5473, -11.4915, 30.7431

Triad

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



48.5473, 17.0072, 30.2121



48.5473, -44.6973, -6.9942



48.5473, 36.5938, -54.4014

Complementary

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



48.5460, 17.0102, 30.2116



29.6546, 19.8555, -79.9271

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.



48.5473, 6.9966, -78.4125



48.5460, 17.0102, 30.2116



48.5473, -37.0291, -42.4930

Square

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



48.5473, 17.0072, 30.2121



48.5473, -43.1851, 16.9780



48.5473, -19.5052, -73.1325



48.5473, 58.2691, -18.0852

Rectangle

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



48.5460, 17.0102, 30.2116



48.5473, -26.4493, 29.2293



48.5473, -19.5052, -73.1325



48.5473, 26.9997, -64.9001

Sweetspot

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



48.5473, 17.0072, 30.2121



85.5067, -1.0761, 25.2055



34.0645, 59.8835, 10.0092



39.3832, -0.0979, 12.8498



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



48.5473, 17.0072, 30.2121



64.5934, 23.5417, 40.2143



67.8385, -24.9870, 41.3641



32.3642, -1.4882, 4.2046



39.5587, 13.3699, 24.6099



8.5846, 1.1750, 5.3103

Inverse Universe

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



29.6546, 19.8555, -79.9271



39.1269, 27.9183, -109.1729



19.7516, 52.8667, -134.8610



31.3423, -1.7953, -0.9070



24.3431, 15.3795, -63.6266



6.0012, 0.6143, -8.8272

Previews

White Background



This preview shows how the HunterLab color 48.5460, 17.0102, 30.2116 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 48.5460, 17.0102, 30.2116 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 48.5460, 17.0102, 30.2116 Background



This preview shows how black text looks on a background with the HunterLab color 48.5460, 17.0102, 30.2116.



This preview shows how white text looks on a background with the HunterLab color 48.5460, 17.0102,

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

48.5460, 17.0102, 30.2116

Protanopia

48.6428, -6.7169, 29.3495

Deuteranopia

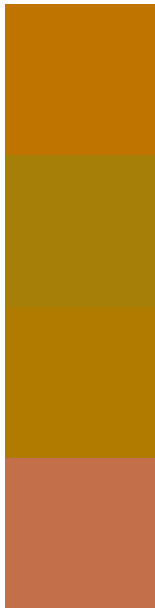
48.5940, 2.9416, 29.9949



Tritanopia

48.5677, 29.0162, 10.2643

Trichromacy



Original Color

48.5460, 17.0102, 30.2116

Protanomaly

48.2757, 1.9082, 29.4633

Deuteranomaly

48.4902, 7.9602, 30.0188

Tritanomaly

48.3039, 23.2567, 22.2197

Monochromacy



Original Color

48.5460, 17.0102, 30.2116

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.7032, 1.2642, 18.3386

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5460, 17.0102, 30.2116 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(191, 116, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 116, 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(191, 116, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 116, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5460, 17.0102, 30.2116 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(191, 116, 0) }
```


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

```
.border{ border-color:rgb(191, 116, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 116, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 116, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 116, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 116,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5460, 17.0102, 30.2116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 116, 0) }
```

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

```
.background{ background-color: rgb(191,  
116, 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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