

Converting Colors

HunterLab(48.6499, 5.8362,
30.0450)

Have a look what the booklet for
HunterLab(48.6499, 5.8362,
30.0450) contains.

HunterLab(48.6499, 5.8362, 30.0450)	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(48.6499, 5.8362,
30.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7D01
RGB	174, 125, 1
RGB Percent	68%, 49%, 0%
CMY	0.3176, 0.5098, 0.9960
CMYK	0.00, 0.28, 0.99, 0.32
HSL	43°, 99%, 34%
HSV	43°, 99%, 68%
XYZ	24.7947, 23.6681, 3.2903
YIQ	125.5150, 69.0080, -28.1760

Conversions

Conversions Part 2

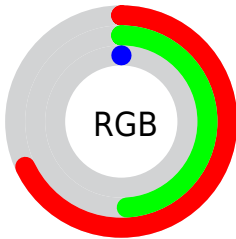
Format	Color
RYB	69, 174, 1
Decimal	11435265
CIELab	55.76, 10.19, 61.42
CIELCh	56, 62.258, 80.577
Yxy	23.6693, 0.4791, 0.4573
Android (android.graphics.Color)	4289625345 (0xFFAE7D01)
YUV	125.5150, -61.3859, 42.5213
Hunter-Lab	48.6499, 5.8362, 30.0450

Details

The HunterLab color **48.6499, 5.8362, 30.0450** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **23.1171, 27.4433, -87.9790**, and the grayscale version is **45.7018, -2.4385, 2.4831**.

A 20% lighter version of the original color is **70.2524, 5.8716, 38.7766**, and **29.8025, 6.4636, 18.4773** is the 20% darker color. If you saturate the color by 10%, you get **48.5745, 5.9581, 30.0357**, and if you desaturate by 10%, it is **49.9911, 3.7158, 30.1696**.

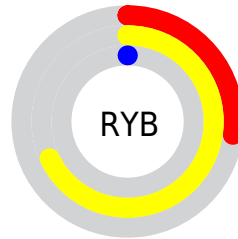
Distribution



Red (68%)

Green (49%)

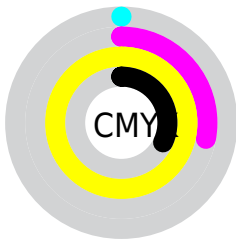
Blue (0%)



Red (27%)

Yellow (68%)

Blue (0%)

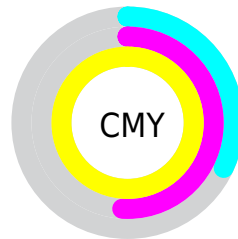


Cyan (0%)

Magenta (28%)

Yellow (99%)

Black (32%)



Cyan (32%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.6499, 5.8362, 30.0450 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 48.6499, 5.8362, 30.0450 by changing the saturation by 10% instead.

■ 48.6499, 5.8362,
30.0450

■ 48.6499, 5.8362,
30.0450

164.6646, 3.6372,
64.8626

■ 38.8439, 5.7893,
25.2905

■ 70.3492, 5.7102,
38.8461

■ 29.8019, 5.6601,
20.8294

■ 82.1576, 5.5571,
42.9499

■ 21.5963, 5.4307,
15.1174

■ 94.5615, 5.3503,
46.8925

■ 14.3230, 5.0779,
10.0261

■ 107.5336, 5.0941,
50.6964

■ 7.9821, 5.1392,
5.5874

■ 121.0499, 4.7919,
54.3807

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.0894, 4.4468,

57.9613

0.0000, NaN, NaN

149.6333, 4.0611,
61.4515

0.0000, NaN, NaN

48.6499, 5.8362,
30.0450

48.6499, 5.8362,
30.0450

48.5745, 5.9581,
30.0357

49.9911, 3.7158,
30.1696

51.3946, 1.8042,
29.7928

52.8698, 0.1556,
28.7754

54.4178, -1.2132,
27.0873

56.0383, -2.2939,
24.7201

■ 57.7303, -3.0845,
21.6800

■ 59.4919, -3.5878,
17.9831

■ 61.3213, -3.8099,
13.6521

■ 63.2162, -3.7593,
8.7144

Harmonies

Analogous

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



48.6511, 33.2731, 26.8825



48.6499, 5.8362, 30.0450



48.6511, -18.9073, 29.4096

Triad

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



48.6511, 5.8337, 30.0454



48.6511, -41.0214, -17.1385



48.6511, 42.2031, -38.1100

Complementary

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



48.6499, 5.8362, 30.0450



23.1171, 27.4433, -87.9790

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.



48.6511, 16.1892, -65.9401



48.6499, 5.8362, 30.0450



48.6511, -30.3779, -50.0633

Square

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



48.6511, 5.8337, 30.0454



48.6511, -42.6525, 9.7889



48.6511, -10.4929, -71.1921



48.6511, 56.9843, -5.7716

Rectangle

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



48.6499, 5.8362, 30.0450



48.6511, -30.9612, 26.6505



48.6511, -10.4929, -71.1921



48.6511, 34.2547, -48.8842

Sweetspot

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



48.6511, 5.8337, 30.0454



79.8566, -4.7757, 24.8160



30.4155, 52.6601, 13.7764



37.1824, -2.1330, 12.7007



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



48.6511, 5.8337, 30.0454



65.1162, 8.5862, 40.2746



59.6254, -28.3669, 36.2155



29.9015, -1.7765, 4.0911



41.4947, 4.8430, 25.6536



7.5208, -0.2445, 4.6300

Inverse Universe

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



23.1171, 27.4433, -87.9790



30.3997, 39.0302, -122.2519



18.7065, 48.0704, -114.5510



28.4831, -1.2349, -1.1062



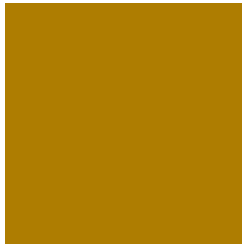
19.7892, 23.0175, -74.4229



4.5029, 1.0274, -7.8461

Previews

White Background



This preview shows how the HunterLab color 48.6499, 5.8362, 30.0450 looks on a white background.

Color Contrast Check

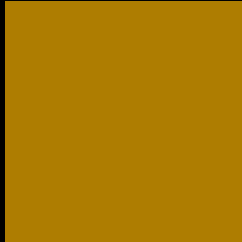
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.6499, 5.8362, 30.0450 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 48.6499, 5.8362, 30.0450 Background



This preview shows how black text looks on a background with the HunterLab color 48.6499, 5.8362, 30.0450.



This preview shows how white text looks on a background with the HunterLab color 48.6499, 5.8362,

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

48.6499, 5.8362, 30.0450

Protanopia

48.6327, -6.7729, 29.4986

Deuteranopia

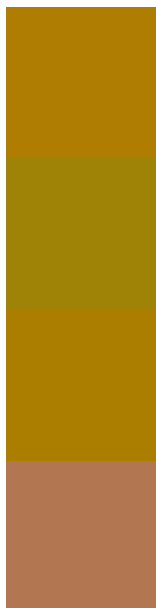
48.5940, 2.9416, 29.9949



Tritanopia

48.6567, 20.3932, 6.6970

Trichromacy



Original Color

48.6499, 5.8362, 30.0450

Protanomaly

48.5992, -2.5821, 29.6562

Deuteranomaly

48.5589, 4.1838, 29.9950

Tritanomaly

48.2056, 13.4145, 20.6044

Monochromacy



Original Color

48.6499, 5.8362, 30.0450

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.2119, -2.5607, 18.4431

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.6499, 5.8362, 30.0450 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(174, 125, 1)` looks like.

```
.text, #text, p{  
    color:rgb(174, 125, 1)  
}
```

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(174, 125, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 125, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 48.6499, 5.8362, 30.0450 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(174, 125, 1) }
```


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

```
.border{ border-color:rgb(174, 125, 1) }
```

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

Here you see how a box with a 4 pixel rgb(174, 125, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 125, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 125, 1);  
box-shadow:4px 4px 4px 4px rgb(174, 125,  
1) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.6499, 5.8362, 30.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 125, 1) }
```

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

```
.background{ background-color: rgb(174,  
125, 1) }
```

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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