

Converting Colors

HunterLab(46.6817, 48.2574,
30.4445)

Have a look what the booklet for
HunterLab(46.6817, 48.2574,
30.4445) contains.

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Color

**HunterLab(46.8039, 48.6492,
29.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	E25000
RGB	226, 80, 0
RGB Percent	89%, 31%, 0%
CMY	0.1137, 0.6862, 1.0000
CMYK	0.00, 0.65, 1.00, 0.11
HSL	21°, 100%, 44%
HSV	21°, 100%, 89%
XYZ	34.2327, 21.9061, 2.4241
YIQ	114.5340, 112.6960, 6.0720

Conversions

Conversions Part 2

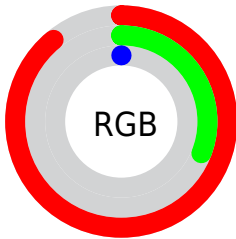
Format	Color
R_{YB}	226, 124, 0
Decimal	14831616
CIE Lab	53.93, 54.33, 64.30
CIE LCh	54, 84.180, 49.805
Yxy	21.9073, 0.5845, 0.3741
Android (android.graphics.Color)	4293021696 (0xFFE25000)
YUV	114.5340, -56.4653, 97.7557
Hunter-Lab	46.8039, 48.6492, 29.6920

Details

The HunterLab color **46.8039, 48.6492, 29.6920** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **51.0363, -5.3542, -52.2323**, and the grayscale version is **41.4077, -2.2094, 2.2498**.

A 20% lighter version of the original color is **62.4074, 36.0905, 34.6193**, and **28.3760, 45.2384, 18.2771** is the 20% darker color. If you saturate the color by 10%, you get **46.8048, 48.6461, 29.6925**, and if you desaturate by 10%, it is **49.3386, 42.3500, 30.1943**.

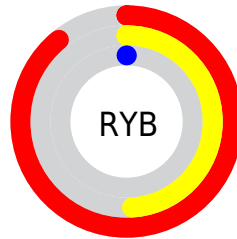
Distribution



Red (89%)

Green (31%)

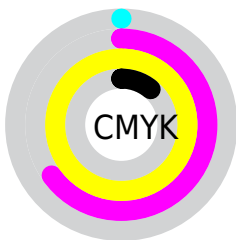
Blue (0%)



Red (89%)

Yellow (49%)

Blue (0%)

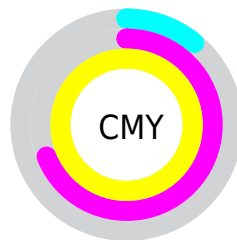


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.8039, 48.6492, 29.6920 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 46.8039, 48.6492, 29.6920 by changing the saturation by 10% instead.

46.8039, 48.6492,
29.6920

46.8039, 48.6492,
29.6920

161.8833, 61.5436,
66.1989

37.1333, 46.7147,
24.7165

68.2589, 52.1929,
38.9461

28.2382, 44.7057,
19.7667

79.9553, 53.8071,
43.2585

20.1947, 42.6889,
14.1363

92.2526, 55.3197,
47.3973

13.1051, 40.8832,
9.1736

105.1228, 56.7359,
51.3861

6.5948, 45.2098,
4.6164

118.5414, 58.0613,
55.2450


0.0000, INF, NaN

0.0000, NaN, NaN


132.4868, 59.3011,


58.9910


0.0000, NaN, NaN


 146.9398, 60.4604,
62.6382


0.0000, NaN, NaN


 46.8039, 48.6492,
29.6920


 46.8039, 48.6492,
29.6920


 46.8048, 48.6461,
29.6925

 49.3386, 42.3500,
30.1943

 52.2890, 35.9361,
30.0108

 55.6333, 29.6497,
29.0050

 59.3360, 23.6337,
27.2205

 63.3604, 17.9700,
24.7366

■ 67.6717, 12.6947,
21.6426

■ 72.2385, 7.8132,
18.0245

■ 77.0326, 3.3118,
13.9590

■ 82.0297, -0.8342,
9.5116

Harmonies

Analogous

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



46.8053, 77.9864, 19.3187



46.8039, 48.6492, 29.6920



46.8053, 9.8684, 31.8666

Triad

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



46.8053, 48.6448, 29.6926



46.8053, -51.6320, 12.4230



46.8053, 22.2426, -104.6818

Complementary

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



46.8039, 48.6492, 29.6920



51.0363, -5.3542, -52.2323

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.



46.8053, -13.7040, -112.3537



46.8039, 48.6492, 29.6920



46.8053, -50.0897, -24.3688

Square

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



46.8053, 48.6448, 29.6926



46.8053, -43.2501, 27.7534



46.8053, -38.1650, -76.1634



46.8053, 59.9334, -59.4712

Rectangle

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



46.8039, 48.6492, 29.6920



46.8053, -13.2994, 31.8754



46.8053, -38.1650, -76.1634



46.8053, 9.3772, -112.5672

Sweetspot

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



46.8053, 48.6448, 29.6926



82.7261, 9.0685, 20.7581



42.7460, 78.1239, -10.5233



37.2301, 5.2712, 10.4474

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.8053, 48.6448, 29.6926



53.4962, 56.2629, 33.9491



73.4247, -6.3678, 45.1323



38.0663, -0.4881, 4.2794



35.6384, 35.9600, 22.5898



10.2225, 7.3086, 6.4270

Inverse Universe

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



51.0363, -5.3542, -52.2323



58.3369, -5.8401, -60.3089



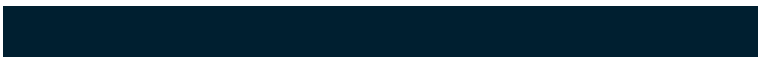
25.7479, 54.0545, -148.8700



38.3577, -3.4326, -0.2092



38.8472, -4.5232, -38.7912



11.0125, -2.4042, -8.5747

Previews

White Background



This preview shows how the HunterLab color 46.8039, 48.6492, 29.6920 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 46.8039, 48.6492, 29.6920 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 46.8039, 48.6492, 29.6920 Background



This preview shows how black text looks on a background with the HunterLab color 46.8039, 48.6492, 29.6920.



This preview shows how white text looks on a background with the HunterLab color 46.8039, 48.6492,

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

46.8039, 48.6492, 29.6920

Protanopia

47.0512, -6.4975, 27.8575

Deuteranopia

46.8534, 2.5343, 28.9152



Tritanopia

47.0007, 54.1750, 20.5788

Trichromacy



Original Color

46.8039, 48.6492, 29.6920

Protanomaly

45.5377, 12.6587, 27.6933

Deuteranomaly

45.7761, 19.3558, 28.5459

Tritanomaly

46.7642, 51.4077, 25.8900

Monochromacy



Original Color

46.8039, 48.6492, 29.6920

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.1732, 12.3626, 16.5103

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.8039, 48.6492, 29.6920 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(226, 80, 0)` looks like.

```
.text, #text, p{  
    color:rgb(226, 80, 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(226, 80, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 80, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.8039, 48.6492, 29.6920 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(226, 80, 0) }
```


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

```
.border{ border-color:rgb(226, 80, 0) }
```

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

Here you see how a box with a 4 pixel rgb(226, 80, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 80, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 80, 0);  
box-shadow:4px 4px 4px 4px rgb(226, 80, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.8039, 48.6492, 29.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 80, 0) }
```

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

```
.background{ background-color: rgb(226, 80,  
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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