

Converting Colors

HunterLab(46.3398, 38.8177,
31.6342)

Have a look what the booklet for
HunterLab(46.3398, 38.8177,
31.6342) contains.

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Color

**HunterLab(46.4849, 39.1789,
29.3297)**

Conversions

Conversions Part 1

Format	Color
Hex	D65A00
RGB	214, 90, 0
RGB Percent	84%, 35%, 0%
CMY	0.1608, 0.6470, 1.0000
CMYK	0.00, 0.58, 1.00, 0.16
HSL	25°, 100%, 42%
HSV	25°, 100%, 84%
XYZ	31.3877, 21.6085, 2.5165
YIQ	116.8160, 102.7940, -1.7020

Conversions

Conversions Part 2

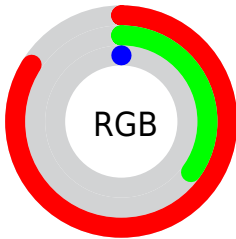
Format	Color
R _Y B	214, 155, 0
Decimal	14047744
CIE Lab	53.61, 45.56, 63.05
CIE LCh	54, 77.785, 54.147
Yxy	21.6097, 0.5654, 0.3893
Android (android.graphics.Color)	4292237824 (0xFFD65A00)
YUV	116.8160, -57.5903, 85.2304
Hunter-Lab	46.4849, 39.1789, 29.3297

Details

The HunterLab color **46.4849, 39.1789, 29.3297** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **43.8967, 1.8432, -58.8456**, and the grayscale version is **42.2946, -2.2567, 2.2979**.

A 20% lighter version of the original color is **64.2369, 31.9697, 35.8017**, and **28.1113, 36.0449, 17.9531** is the 20% darker color. If you saturate the color by 10%, you get **46.4858, 39.1760, 29.3302**, and if you desaturate by 10%, it is **48.9231, 33.5546, 29.8498**.

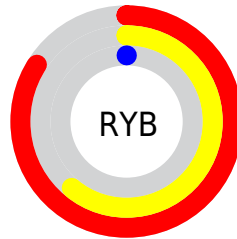
Distribution



Red (84%)

Green (35%)

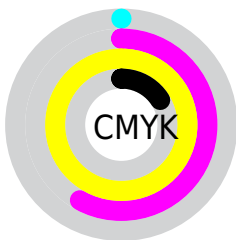
Blue (0%)



Red (84%)

Yellow (61%)

Blue (0%)

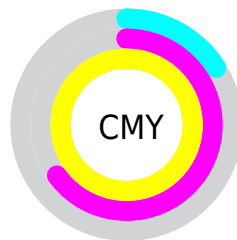


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4849, 39.1789, 29.3297 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 46.4849, 39.1789, 29.3297 by changing the saturation by 10% instead.

46.4849, 39.1789,
29.3297

46.4849, 39.1789,
29.3297

161.4005, 49.4628,
65.2447

36.8380, 37.5219,
24.4200

67.8970, 42.1328,
38.4367

27.9687, 35.7564,
19.5781

79.5738, 43.4479,
42.6782

19.9539, 33.9101,
13.9677

91.8524, 44.6632,
46.7487

12.8967, 32.1021,
9.0277

104.7048, 45.7855,
50.6717

6.3221, 36.1976,
4.4255

118.1062, 46.8212,
54.4673

0.0000, INF, NaN

0.0000, NaN, NaN


132.0352, 47.7759,


58.1522


0.0000, NaN, NaN


 146.4724, 48.6549,
61.7407


0.0000, NaN, NaN


 46.4849, 39.1789,
29.3297


 46.4849, 39.1789,
29.3297


 46.4858, 39.1760,
29.3302

 48.9231, 33.5546,
29.8498

 51.6589, 28.0207,
29.7210

 54.6814, 22.7341,
28.8001

 57.9677, 17.7735,
27.1111

 61.4944, 13.1789,
24.7110

■ 65.2388, 8.9626,
21.6700

■ 69.1798, 5.1189,
18.0597

■ 73.2984, 1.6306,
13.9476

■ 77.5779, -1.5257,
9.3947

Harmonies

Analogous

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



46.4862, 67.7727, 20.6304



46.4849, 39.1789, 29.3297



46.4862, 3.9395, 31.1947

Triad

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



46.4862, 39.1749, 29.3303



46.4862, -49.1177, 8.0965



46.4862, 25.3637, -88.4090

Complementary

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



46.4849, 39.1789, 29.3297



43.8967, 1.8432, -58.8456

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.



46.4862, -8.5745, -100.9802



46.4849, 39.1789, 29.3297



46.4862, -46.2575, -28.2260

Square

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



46.4862, 39.1749, 29.3303



46.4862, -42.4837, 25.3745



46.4862, -33.2304, -73.9557



46.4862, 58.4105, -46.2605

Rectangle

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



46.4849, 39.1789, 29.3297



46.4862, -16.5442, 31.0011



46.4862, -33.2304, -73.9557



46.4862, 13.4781, -97.0556

Sweetspot

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



46.4862, 39.1749, 29.3303



84.2150, 6.3772, 22.1655



39.7147, 71.7296, -3.1549



38.0034, 3.8513, 11.1551

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.4862, 39.1749, 29.3303



56.4159, 48.4734, 35.6118



73.3832, -12.8584, 44.9932



36.4289, -0.7948, 4.2687



36.4107, 29.7705, 22.9573



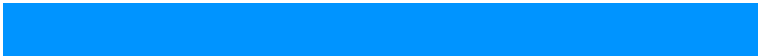
9.8050, 5.2534, 6.1338

Inverse Universe

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



43.8967, 1.8432, -58.8456



53.2179, 2.7993, -72.5607



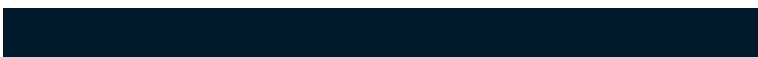
22.9834, 55.7045, -148.9766



36.3206, -2.9437, -0.4226



34.4337, 0.8978, -44.9772



9.3664, -1.2854, -8.9324

Previews

White Background



This preview shows how the HunterLab color 46.4849, 39.1789, 29.3297 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 46.4849, 39.1789, 29.3297 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 46.4849, 39.1789, 29.3297 Background



This preview shows how black text looks on a background with the HunterLab color 46.4849, 39.1789, 29.3297.



This preview shows how white text looks on a background with the HunterLab color 46.4849, 39.1789,

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

46.4849, 39.1789, 29.3297

Protanopia

46.6630, -6.4448, 27.7393

Deuteranopia

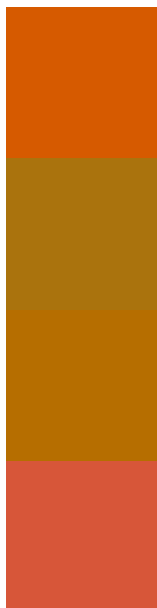
46.5893, 3.0030, 28.7607



Tritanopia

46.5412, 46.2396, 17.4479

Trichromacy



Original Color

46.4849, 39.1789, 29.3297

Protanomaly

45.6471, 9.2010, 27.7940

Deuteranomaly

45.9314, 16.2602, 28.5874

Tritanomaly

46.2580, 42.8794, 24.2932

Monochromacy



Original Color

46.4849, 39.1789, 29.3297

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.0538, 8.9314, 16.9358

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4849, 39.1789, 29.3297 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(214, 90, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 90, 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(214, 90, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 90, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4849, 39.1789, 29.3297 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(214, 90, 0) }
```


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

```
.border{ border-color:rgb(214, 90, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 90, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 90, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 90, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 90, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.4849, 39.1789, 29.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 90, 0) }
```

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

```
.background{ background-color: rgb(214, 90,  
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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