

Converting Colors

HunterLab(45.9578, 34.4114,
28.9214)

Have a look what the booklet for
HunterLab(45.9578, 34.4114,
28.9214) contains.

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Color

**HunterLab(46.1203, 34.3726,
29.0209)**

Conversions

Conversions Part 1

Format	Color
Hex	CF5E00
RGB	207, 94, 0
RGB Percent	81%, 37%, 0%
CMY	0.1882, 0.6313, 1.0000
CMYK	0.00, 0.55, 1.00, 0.19
HSL	27°, 100%, 41%
HSV	27°, 100%, 81%
XYZ	29.7348, 21.2708, 2.5385
YIQ	117.0710, 97.5220, -5.2780

Conversions

Conversions Part 2

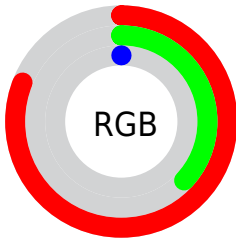
Format	Color
R_{YB}	207, 172, 0
Decimal	13590016
CIE Lab	53.25, 40.95, 62.25
CIE LCh	53, 74.516, 56.660
Yxy	21.2720, 0.5553, 0.3973
Android (android.graphics.Color)	4291780096 (0xFFCF5E00)
YUV	117.0710, -57.7160, 78.8677
Hunter-Lab	46.1203, 34.3726, 29.0209

Details

The HunterLab color **46.1203, 34.3726, 29.0209** 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 **40.3910, 5.1823, -61.6721**, and the grayscale version is **42.3950, -2.2621, 2.3034**.

A 20% lighter version of the original color is **65.1815, 29.8981, 36.4104**, and **27.8343, 31.7142, 17.7066** is the 20% darker color. If you saturate the color by 10%, you get **46.1211, 34.3699, 29.0213**, and if you desaturate by 10%, it is **48.4604, 29.1867, 29.5215**.

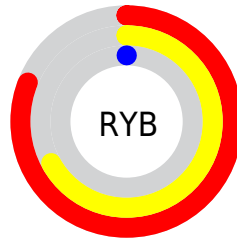
Distribution



Red (81%)

Green (37%)

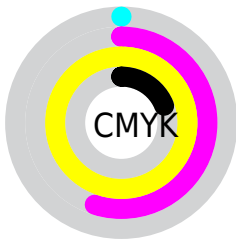
Blue (0%)



Red (81%)

Yellow (67%)

Blue (0%)

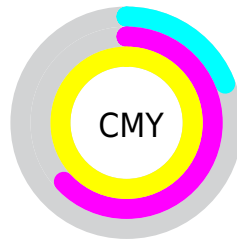


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.1203, 34.3726, 29.0209 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 46.1203, 34.3726, 29.0209 by changing the saturation by 10% instead.

46.1203, 34.3726,
29.0209

46.1203, 34.3726,
29.0209

160.8479, 43.2279,
64.5820

36.5007, 32.8781,
24.1525

67.4832, 36.9943,
38.0416

27.6610, 31.2640,
19.3627

79.1374, 38.1445,
42.2412

19.6791, 29.5426,
13.7754

91.3947, 39.1971,
46.2709

12.6593, 27.7941,
8.8615

104.2265, 40.1595,
50.1544

5.9945, 32.5862,
4.1962

117.6084, 41.0384,
53.9118

0.0000, INF, NaN

0.0000, NaN, NaN


131.5185, 41.8394,


57.5599


0.0000, NaN, NaN


 145.9374, 42.5677,
61.1126


0.0000, NaN, NaN


 46.1203, 34.3726,
29.0209


 46.1203, 34.3726,
29.0209


 46.1211, 34.3699,
29.0213

 48.4604, 29.1867,
29.5215

 51.0482, 24.1499,
29.3988

 53.8776, 19.3892,
28.5068

 56.9311, 14.9622,
26.8612

 60.1903, 10.8959,
24.5087

■ 63.6375, 7.1961,
21.5100

■ 67.2558, 3.8543,
17.9292

■ 71.0299, 0.8534,
13.8285

■ 74.9460, -1.8284,
9.2652

Harmonies

Analogous

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



46.1216, 62.4670, 21.1740



46.1203, 34.3726, 29.0209



46.1216, 1.0011, 30.6907

Triad

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



46.1216, 34.3689, 29.0214



46.1216, -47.5998, 5.6420



46.1216, 26.8885, -80.2708

Complementary

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



46.1203, 34.3726, 29.0209



40.3910, 5.1823, -61.6721

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.



46.1216, -5.8285, -95.0258



46.1203, 34.3726, 29.0209



46.1216, -44.0224, -30.1637

Square

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



46.1216, 34.3689, 29.0214



46.1216, -41.9227, 23.8425



46.1216, -30.4563, -72.5711



46.1216, 57.4193, -39.8431

Rectangle

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



46.1203, 34.3726, 29.0209



46.1216, -18.0914, 30.3500



46.1216, -30.4563, -72.5711



46.1216, 15.5697, -89.2013

Sweetspot

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



46.1216, 34.3689, 29.0214



84.9732, 5.0259, 22.8752



38.0485, 68.3427, -0.0963



38.3979, 3.1385, 11.5125

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.1216, 34.3689, 29.0214



58.0565, 44.3298, 36.5502



72.8277, -15.6376, 44.6023



35.6088, -0.9357, 4.2562



36.8595, 26.6679, 23.1795



9.5774, 4.3275, 5.9773

Inverse Universe

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



40.3910, 5.1823, -61.6721



50.7367, 7.2956, -79.1655



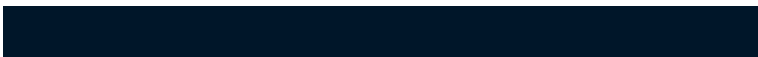
21.7480, 55.3015, -146.5626



35.3155, -2.7117, -0.5206



32.3575, 3.5690, -48.1484



8.6195, -0.8181, -9.0076

Previews

White Background



This preview shows how the HunterLab color 46.1203, 34.3726, 29.0209 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 46.1203, 34.3726, 29.0209 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 46.1203, 34.3726, 29.0209 Background



This preview shows how black text looks on a background with the HunterLab color 46.1203, 34.3726, 29.0209.



This preview shows how white text looks on a background with the HunterLab color 46.1203, 34.3726,

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

46.1203, 34.3726, 29.0209

Protanopia

46.2760, -6.3894, 27.6138

Deuteranopia

46.0997, 2.7112, 28.4539



Tritanopia

46.1610, 42.8135, 15.8923

Trichromacy



Original Color

46.1203, 34.3726, 29.0209

Protanomaly

45.5333, 7.5339, 27.7364

Deuteranomaly

45.6441, 14.1535, 28.3735

Tritanomaly

46.0254, 38.6744, 23.7076

Monochromacy



Original Color

46.1203, 34.3726, 29.0209

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.3270, 7.2447, 17.1336

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.1203, 34.3726, 29.0209 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(207, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 94, 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(207, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 94, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.1203, 34.3726, 29.0209 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(207, 94, 0) }
```


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

```
.border{ border-color:rgb(207, 94, 0) }
```

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

Here you see how a box with a 4 pixel rgb(207, 94, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(207, 94, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.1203, 34.3726, 29.0209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 94, 0) }
```

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

```
.background{ background-color: rgb(207, 94,  
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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