

Converting Colors

HunterLab(46.5185, 31.0336,
29.2078)

Have a look what the booklet for
HunterLab(46.5185, 31.0336,
29.2078) contains.

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Color

**HunterLab(46.4465, 31.2054,
29.1664)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6200
RGB	204, 98, 0
RGB Percent	80%, 38%, 0%
CMY	0.2000, 0.6157, 1.0000
CMYK	0.00, 0.52, 1.00, 0.20
HSL	29°, 100%, 40%
HSV	29°, 100%, 80%
XYZ	29.2696, 21.5728, 2.6213
YIQ	118.5220, 94.6340, -8.0060

Conversions

Conversions Part 2

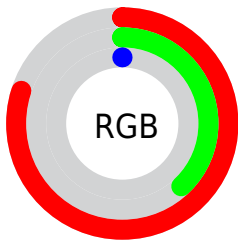
Format	Color
RYB	204, 189, 0
Decimal	13394432
CIELab	53.57, 37.77, 62.20
CIElCh	54, 72.769, 58.733
Yxy	21.5740, 0.5475, 0.4035
Android (android.graphics.Color)	4291584512 (0xFFCC6200)
YUV	118.5220, -58.4313, 74.9642
Hunter-Lab	46.4465, 31.2054, 29.1664

Details

The HunterLab color **46.4465, 31.2054, 29.1664** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **38.2980, 7.7983, -64.7029**, and the grayscale version is **42.9601, -2.2922, 2.3341**.

A 20% lighter version of the original color is **65.9112, 28.3838, 36.7479**, and **28.0441, 28.6539, 17.7822** is the 20% darker color. If you saturate the color by 10%, you get **46.4471, 31.2033, 29.1668**, and if you desaturate by 10%, it is **48.7265, 26.3066, 29.6571**.

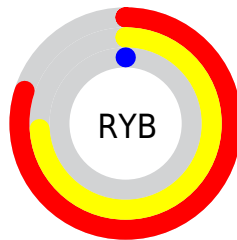
Distribution



Red (80%)

Green (38%)

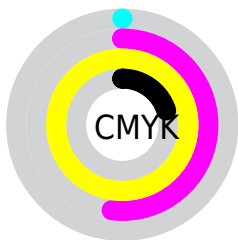
Blue (0%)



Red (80%)

Yellow (74%)

Blue (0%)

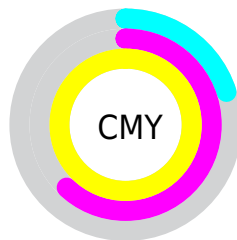


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4465, 31.2054, 29.1664 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 46.4465, 31.2054, 29.1664 by changing the saturation by 10% instead.

46.4465, 31.2054,
29.1664

46.4465, 31.2054,
29.1664

161.3423, 38.9976,
64.6580

36.8024, 29.8380,
24.3060

67.8534, 33.5736,
38.1655

27.9362, 28.3459,
19.5554

79.5278, 34.5999,
42.3559

19.9249, 26.7311,
13.9474

91.8042, 35.5313,
46.3774

12.8717, 25.0449,
9.0102

104.6544, 36.3754,
50.2536

6.2884, 28.3144,
4.4019

118.0538, 37.1387,
54.0044


0.0000, INF, NaN

0.0000, NaN, NaN


131.9808, 37.8269,


57.6464

0.0000, NaN, NaN


 146.4160, 38.4451,
61.1937


0.0000, NaN, NaN


 46.4465, 31.2054,
29.1664


 46.4465, 31.2054,
29.1664

 46.4471, 31.2033,
29.1668

 48.7265, 26.3066,
29.6571

 51.2238, 21.5899,
29.5342

 53.9352, 17.1655,
28.6499

 56.8465, 13.0796,
27.0136

 59.9428, 9.3524,
24.6653

■ 63.2091, 5.9865,
21.6594

■ 66.6313, 2.9722,
18.0551

■ 70.1961, 0.2929,
13.9112

■ 73.8917, -2.0725,
9.2828

Harmonies

Analogous

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



46.4478, 59.2853, 21.8553



46.4465, 31.2054, 29.1664



46.4478, -1.2053, 30.6865

Triad

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



46.4478, 31.2018, 29.1669



46.4478, -47.0450, 3.7190



46.4478, 28.4390, -75.2927

Complementary

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



46.4465, 31.2054, 29.1664



38.2980, 7.7983, -64.7029

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.



46.4478, -3.7427, -91.8091



46.4465, 31.2054, 29.1664



46.4478, -42.8397, -32.1000

Square

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



46.4478, 31.2018, 29.1669



46.4478, -42.0481, 22.8701



46.4478, -28.6633, -72.4851



46.4478, 57.4275, -35.6505

Rectangle

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



46.4465, 31.2054, 29.1664



46.4478, -19.5060, 30.2037



46.4478, -28.6633, -72.4851



46.4478, 17.4159, -84.5296

Sweetspot

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



46.4478, 31.2018, 29.1669



85.5708, 3.9695, 23.4315



37.3327, 66.8785, 1.2861



38.7094, 2.5813, 11.7928

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.4478, 31.2018, 29.1669



59.4167, 41.0089, 37.3302



72.7052, -16.9666, 44.5034



34.7679, -1.0345, 4.2172



37.0986, 24.1627, 23.2830



9.2830, 3.5802, 5.7828

Inverse Universe

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



38.2980, 7.7983, -64.7029



48.8437, 10.8878, -84.5539



21.2306, 55.1035, -145.4879



34.3397, -2.5215, -0.5878



30.6904, 5.6021, -50.4536



7.9840, -0.5165, -8.8643

Previews

White Background



This preview shows how the HunterLab color 46.4465, 31.2054, 29.1664 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 46.4465, 31.2054, 29.1664 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 46.4465, 31.2054, 29.1664 Background



This preview shows how black text looks on a background with the HunterLab color 46.4465, 31.2054, 29.1664.



This preview shows how white text looks on a background with the HunterLab color 46.4465, 31.2054,

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

46.4465, 31.2054, 29.1664

Protanopia

46.6518, -6.5072, 27.9054

Deuteranopia

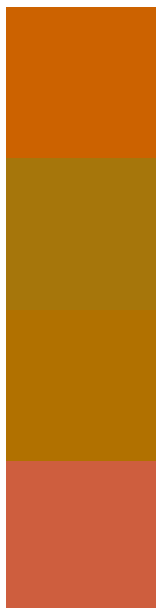
46.4763, 2.6228, 28.6844



Tritanopia

46.4872, 40.1024, 14.9234

Trichromacy



Original Color

46.4465, 31.2054, 29.1664

Protanomaly

45.9217, 6.1812, 27.9962

Deuteranomaly

45.9971, 12.7832, 28.5670

Tritanomaly

46.3411, 35.7140, 23.3495

Monochromacy



Original Color

46.4465, 31.2054, 29.1664

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

42.8657, 6.4636, 17.0695

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4465, 31.2054, 29.1664 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(204, 98, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 98, 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(204, 98, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 98, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4465, 31.2054, 29.1664 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(204, 98, 0) }
```


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

```
.border{ border-color:rgb(204, 98, 0) }
```

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

Here you see how a box with a 4 pixel rgb(204, 98, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 98, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 98, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 98, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.4465, 31.2054, 29.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 98, 0) }
```

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

```
.background{ background-color: rgb(204, 98,  
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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