

Converting Colors

HunterLab(46.4099, 29.4556,
28.8896)

Have a look what the booklet for
HunterLab(46.4099, 29.4556,
28.8896) contains.

| | |
|---|----|
| HunterLab(46.5661, 29.4712, 28.9904) | 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(46.5661, 29.4712,
28.9904)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CA6406 |
| RGB | 202, 100, 6 |
| RGB Percent | 79%, 39%, 2% |
| CMY | 0.2078, 0.6078, 0.9765 |
| CMYK | 0.00, 0.50, 0.97, 0.21 |
| HSL | 29°, 94%, 41% |
| HSV | 29°, 97%, 79% |
| XYZ | 28.9471, 21.6840, 2.8320 |
| YIQ | 119.7820, 90.9660, -7.6100 |

Conversions

Conversions Part 2

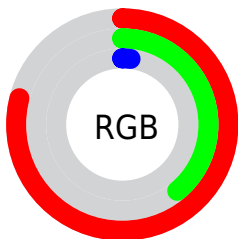
| Format | Color |
|-------------------------------------|---|
| RYB | 202, 187, 6 |
| Decimal | 13263878 |
| CIELab | 53.69, 36.01, 60.90 |
| CIElCh | 54, 70.748, 59.403 |
| Yxy | 21.6852, 0.5414, 0.4056 |
| Android (android.graphics.Color) | 4291453958 (0xFFCA6406) |
| YUV | 119.7820, -56.0945, 72.1052 |
| Hunter-Lab | 46.5661, 29.4712, 28.9904 |

Details

The HunterLab color **46.5661, 29.4712, 28.9904** 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 **38.7655, 6.2857, -61.4634**, and the grayscale version is **43.4408, -2.3179, 2.3602**.

A 20% lighter version of the original color is **66.4242, 27.4768, 36.6714**, and **28.1850, 27.4666, 17.8483** is the 20% darker color. If you saturate the color by 10%, you get **45.9173, 30.9055, 28.8351**, and if you desaturate by 10%, it is **48.8835, 24.6487, 29.3534**.

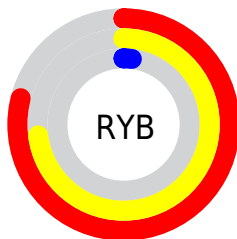
Distribution



Red (79%)

Green (39%)

Blue (2%)



Red (79%)

Yellow (73%)

Blue (2%)

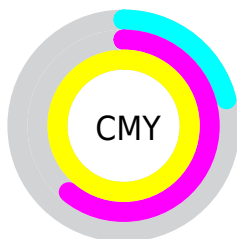


Cyan (0%)

Magenta (50%)

Yellow (97%)

Black (21%)



Cyan (21%)

Magenta (61%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.5661, 29.4712, 28.9904 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 46.5661, 29.4712, 28.9904 by changing the saturation by 10% instead.

46.5661, 29.4712,
28.9904

46.5661, 29.4712,
28.9904

161.5233, 36.6718,
63.8071

36.9131, 28.1759,
24.2174

67.9891, 31.6972,
37.8149

28.0372, 26.7541,
19.6261

79.6709, 32.6544,
41.9233

20.0151, 25.2033,
14.0106

91.9543, 33.5184,
45.8666

12.9497, 23.5615,
9.0648

104.8111, 34.2968,
49.6684

6.3927, 26.3208,
4.4749

118.2170, 34.9960,
53.3483


0.0000, INF, NaN

0.0000, NaN, NaN


132.1501, 35.6217,


56.9225


0.0000, NaN, NaN


 146.5913, 36.1788,
60.4050

0.0000, NaN, NaN


 46.5661, 29.4712,
28.9904


 46.5661, 29.4712,
28.9904


 45.9173, 30.9055,
28.8351

 48.8835, 24.6487,
29.3534

 51.4188, 20.0601,
29.0063

 54.1623, 15.7768,
27.9056

 57.0993, 11.8360,
26.0721

 60.2151, 8.2517,
23.5512

■ 63.4948, 5.0224,
20.3987

■ 66.9248, 2.1361,
16.6737

■ 70.4923, -0.4253,
12.4332

■ 74.1860, -2.6832,
7.7305

Harmonies

Analogous

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



46.5674, 56.8042, 21.7951



46.5661, 29.4712, 28.9904



46.5674, -1.9043, 30.5064

Triad

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



46.5674, 29.4677, 28.9909



46.5674, -46.1921, 3.0846



46.5674, 28.2094, -71.5134

Complementary

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



46.5661, 29.4712, 28.9904



38.7655, 6.2857, -61.4634

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.



46.5674, -3.0673, -87.9614



46.5661, 29.4712, 28.9904



46.5674, -41.8225, -31.7977

Square

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



46.5674, 29.4677, 28.9909



46.5674, -41.4541, 22.2721



46.5674, -27.6301, -70.2524



46.5674, 55.9613, -33.4029

Rectangle

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



46.5661, 29.4712, 28.9904



46.5674, -19.6187, 29.9543



46.5674, -27.6301, -70.2524



46.5674, 17.5462, -80.5148

Sweetspot

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



46.5674, 29.4677, 28.9909



86.0090, 3.6303, 22.9079



37.1810, 65.8318, 0.2951



38.8970, 2.4266, 11.5750

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.5674, 29.4677, 28.9909



59.3744, 41.1107, 37.3060



71.9785, -16.8228, 43.9162



34.7658, -1.0308, 4.2148



37.0726, 24.2242, 23.2681



9.2775, 3.5916, 5.7797

Inverse Universe

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



38.7655, 6.2857, -61.4634



48.9005, 10.7776, -84.3873



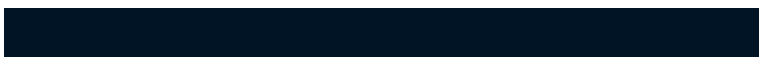
21.3990, 53.2560, -140.6985



34.3419, -2.5251, -0.5851



30.7249, 5.5366, -50.3554



7.9907, -0.5276, -8.8488

Previews

White Background



This preview shows how the HunterLab color 46.5661, 29.4712, 28.9904 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 46.5661, 29.4712, 28.9904 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 46.5661, 29.4712, 28.9904 Background



This preview shows how black text looks on a background with the HunterLab color 46.5661, 29.4712, 28.9904.



This preview shows how white text looks on a background with the HunterLab color 46.5661, 29.4712,

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

46.5661, 29.4712, 28.9904

Protanopia

46.6554, -6.4873, 27.8523

Deuteranopia

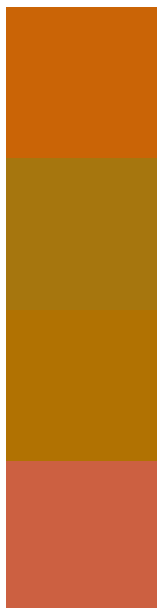
46.5893, 3.0030, 28.7607



Tritanopia

46.5926, 38.5418, 14.3636

Trichromacy



Original Color

46.5661, 29.4712, 28.9904

Protanomaly

45.9299, 6.2246, 27.8745

Deuteranomaly

46.2451, 12.3243, 28.6382

Tritanomaly

46.4594, 34.1072, 22.8430

Monochromacy



Original Color

46.5661, 29.4712, 28.9904

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.4267, 5.7754, 16.7612

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.5661, 29.4712, 28.9904 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(202, 100, 6)` looks like.

```
.text, #text, p{  
    color:rgb(202, 100, 6)  
}
```

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(202, 100, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 100, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 46.5661, 29.4712, 28.9904 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(202, 100, 6) }
```


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

```
.border{ border-color:rgb(202, 100, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 100, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 100, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 100, 6);  
box-shadow:4px 4px 4px 4px rgb(202, 100,  
6) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.5661, 29.4712, 28.9904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 100, 6) }
```

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

```
.background{ background-color: rgb(202,  
100, 6) }
```

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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