

Converting Colors

HunterLab(46.2137, 28.9049,
32.3496)

Have a look what the booklet for
HunterLab(46.2137, 28.9049,
32.3496) contains.

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Color

**HunterLab(46.3468, 29.8865,
29.0819)**

Conversions

Conversions Part 1

Format	Color
Hex	CA6300
RGB	202, 99, 0
RGB Percent	79%, 39%, 0%
CMY	0.2078, 0.6117, 1.0000
CMYK	0.00, 0.51, 1.00, 0.21
HSL	29°, 100%, 40%
HSV	29°, 100%, 79%
XYZ	28.8190, 21.4803, 2.6272
YIQ	118.5110, 93.1670, -8.9530

Conversions

Conversions Part 2

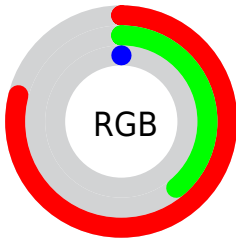
Format	Color
RYB	202, 194, 0
Decimal	13263616
CIELab	53.47, 36.46, 61.98
CIELCh	53, 71.911, 59.538
Yxy	21.4814, 0.5445, 0.4059
Android (android.graphics.Color)	4291453696 (0xFFCA6300)
YUV	118.5110, -58.4259, 73.2199
Hunter-Lab	46.3468, 29.8865, 29.0819

Details

The HunterLab color **46.3468, 29.8865, 29.0819** 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 **37.3689, 8.6943, -65.4759**, and the grayscale version is **42.9561, -2.2920, 2.3339**.

A 20% lighter version of the original color is **66.1539, 27.8642, 36.9043**, and **28.0345, 27.8727, 17.7627** is the 20% darker color. If you saturate the color by 10%, you get **46.3475, 29.8843, 29.0823**, and if you desaturate by 10%, it is **48.5906, 25.1231, 29.5618**.

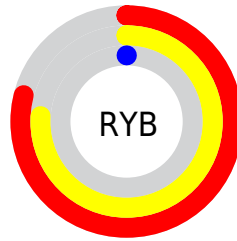
Distribution



Red (79%)

Green (39%)

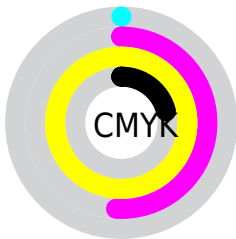
Blue (0%)



Red (79%)

Yellow (76%)

Blue (0%)

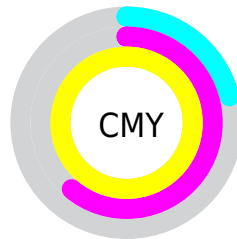


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.3468, 29.8865, 29.0819 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 46.3468, 29.8865, 29.0819 by changing the saturation by 10% instead.

46.3468, 29.8865,
29.0819

46.3468, 29.8865,
29.0819

161.1912, 37.2525,
64.4777

36.7102, 28.5703,
24.2329

67.7403, 32.1530,
38.0576

27.8521, 27.1280,
19.4965

79.4085, 33.1297,
42.2366

19.8497, 25.5583,
13.8948

91.6791, 34.0127,
46.2471

12.8067, 23.9041,
8.9647

104.5236, 34.8093,
50.1126

6.2002, 27.3471,
4.3401

117.9177, 35.5263,
53.8531

0.0000, INF, NaN

0.0000, NaN, NaN

131.8395, 36.1693,

57.4851

0.0000, NaN, NaN

146.2698, 36.7432,
61.0227

0.0000, NaN, NaN

46.3468, 29.8865,
29.0819

46.3468, 29.8865,
29.0819

46.3475, 29.8843,
29.0823

48.5906, 25.1231,
29.5618

51.0400, 20.5502,
29.4362

53.6929, 16.2723,
28.5564

56.5365, 12.3319,
26.9298

59.5569, 8.7471,
24.5937

■ 62.7401, 5.5192,
21.6000

■ 66.0731, 2.6388,
18.0058

■ 69.5435, 0.0891,
13.8681

■ 73.1400, -2.1501,
9.2410

Harmonies

Analogous

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



46.3481, 57.8269, 22.0027



46.3468, 29.8865, 29.0819



46.3481, -2.0175, 30.5336

Triad

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



46.3481, 29.8830, 29.0824



46.3481, -46.6094, 2.9556



46.3481, 28.8897, -73.1169

Complementary

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



46.3468, 29.8865, 29.0819



37.3689, 8.6943, -65.4759

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.



46.3481, -2.9318, -90.1901



46.3468, 29.8865, 29.0819



46.3481, -42.1824, -32.6836

Square

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



46.3481, 29.8830, 29.0824



46.3481, -41.8956, 22.3716



46.3481, -27.8409, -72.1123



46.3481, 57.1598, -33.9568

Rectangle

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



46.3468, 29.8865, 29.0819



46.3481, -19.9400, 29.9942



46.3481, -27.8409, -72.1123



46.3481, 18.0320, -82.4181

Sweetspot

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



46.3481, 29.8830, 29.0824



85.7923, 3.5797, 23.6370



36.8288, 65.8037, 2.6030



38.8249, 2.3758, 11.8964

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.3481, 29.8830, 29.0824



59.9353, 39.7686, 37.6280



72.9620, -18.3357, 44.6377



34.7941, -1.0787, 4.2455



37.4169, 23.4137, 23.4660



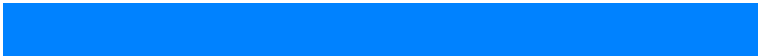
9.3492, 3.4417, 5.8212

Inverse Universe

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



37.3689, 8.6943, -65.4759



48.1564, 12.2302, -86.5928



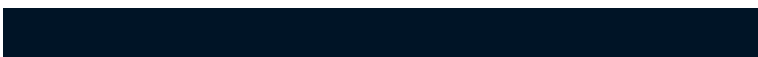
20.8266, 55.2372, -145.2717



34.3131, -2.4777, -0.6203



30.2729, 6.4002, -51.6548



7.9026, -0.3815, -9.0540

Previews

White Background



This preview shows how the HunterLab color 46.3468, 29.8865, 29.0819 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 46.3468, 29.8865, 29.0819 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 46.3468, 29.8865, 29.0819 Background



This preview shows how black text looks on a background with the HunterLab color 46.3468, 29.8865, 29.0819.



This preview shows how white text looks on a background with the HunterLab color 46.3468, 29.8865,

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

46.3468, 29.8865, 29.0819

Protanopia

46.6518, -6.5072, 27.9054

Deuteranopia

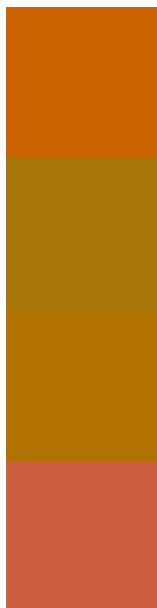
46.4763, 2.6228, 28.6844



Tritanopia

46.3846, 38.9259, 14.4931

Trichromacy



Original Color

46.3468, 29.8865, 29.0819

Protanomaly

45.9217, 6.1812, 27.9962

Deuteranomaly

46.2404, 12.2999, 28.7084

Tritanomaly

46.2273, 34.4162, 23.2423

Monochromacy



Original Color

46.3468, 29.8865, 29.0819

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

43.0113, 5.6281, 17.1766

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.3468, 29.8865, 29.0819 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, 99, 0)` looks like.

```
.text, #text, p{  
    color:rgb(202, 99, 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(202, 99, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 99, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.3468, 29.8865, 29.0819 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, 99, 0) }
```


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

```
.border{ border-color:rgb(202, 99, 0) }
```

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

Here you see how a box with a 4 pixel rgb(202, 99, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 99, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 99, 0);  
box-shadow:4px 4px 4px 4px rgb(202, 99, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.3468, 29.8865, 29.0819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 99, 0) }
```

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

```
.background{ background-color: rgb(202, 99,  
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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