

Converting Colors

HunterLab(46.3984, 28.4401,
32.4789)

Have a look what the booklet for
HunterLab(46.3984, 28.4401,
32.4789) contains.

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Color

**HunterLab(46.5520, 29.4035,
29.1999)**

Conversions

Conversions Part 1

Format	Color
Hex	CA6400
RGB	202, 100, 0
RGB Percent	79%, 39%, 0%
CMY	0.2078, 0.6078, 1.0000
CMYK	0.00, 0.50, 1.00, 0.21
HSL	30°, 100%, 40%
HSV	30°, 100%, 79%
XYZ	28.9143, 21.6709, 2.6589
YIQ	119.0980, 92.8920, -9.4760

Conversions

Conversions Part 2

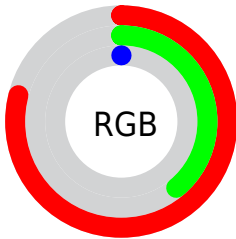
Format	Color
R_{YB}	202, 198, 0
Decimal	13263872
CIE _{Lab}	53.68, 35.94, 62.11
CIE _{LCh}	54, 71.757, 59.940
Yxy	21.6721, 0.5430, 0.4070
Android (android.graphics.Color)	4291453952 (0xFFCA6400)
YUV	119.0980, -58.7153, 72.7051
Hunter-Lab	46.5520, 29.4035, 29.1999

Details

The HunterLab color **46.5520, 29.4035, 29.1999** 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 **37.1033, 9.2136, -66.2650**, and the grayscale version is **43.1848, -2.3042, 2.3463**.

A 20% lighter version of the original color is **66.3978, 27.3444, 37.0615**, and **28.1850, 27.4666, 17.8483** is the 20% darker color. If you saturate the color by 10%, you get **46.5527, 29.4012, 29.2003**, and if you desaturate by 10%, it is **48.7894, 24.6803, 29.6799**.

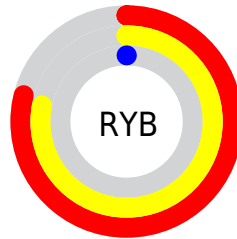
Distribution



Red (79%)

Green (39%)

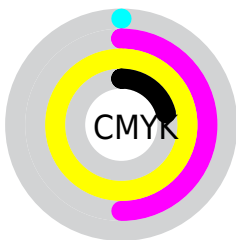
Blue (0%)



Red (79%)

Yellow (78%)

Blue (0%)

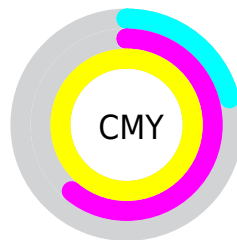


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.5520, 29.4035, 29.1999 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 46.5520, 29.4035, 29.1999 by changing the saturation by 10% instead.

46.5520, 29.4035,
29.1999

46.5520, 29.4035,
29.1999

161.5020, 36.5829,
64.6304

36.9001, 28.1107,
24.3473

67.9731, 31.6244,
38.1822

28.0253, 26.6914,
19.6177

79.6540, 32.5792,
42.3649

20.0045, 25.1428,
14.0031

91.9366, 33.4408,
46.3793

12.9405, 23.5029,
9.0583

104.7927, 34.2169,
50.2488

6.3805, 26.2952,
4.4663

118.1977, 34.9137,
53.9933


0.0000, INF, NaN

0.0000, NaN, NaN


132.1301, 35.5372,


57.6295

0.0000, NaN, NaN


 146.5707, 36.0921,
61.1713


0.0000, NaN, NaN


 46.5520, 29.4035,
29.1999


 46.5520, 29.4035,
29.1999


 46.5527, 29.4012,
29.2003

 48.7894, 24.6803,
29.6799

 51.2281, 20.1525,
29.5539

 53.8664, 15.9227,
28.6727

 56.6920, 12.0316,
27.0427

 59.6915, 8.4966,
24.7000

■ 62.8514, 5.3187,
21.6955

■ 66.1589, 2.4882,
18.0856

■ 69.6021, -0.0115,
13.9270

■ 73.1699, -2.2006,
9.2733

Harmonies

Analogous

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



46.5533, 57.4284, 22.1955



46.5520, 29.4035, 29.1999



46.5533, -2.4273, 30.6249

Triad

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



46.5533, 29.4000, 29.2004



46.5533, -46.6498, 2.5903



46.5533, 29.2716, -72.4549

Complementary

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



46.5520, 29.4035, 29.1999



37.1033, 9.2136, -66.2650

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.



46.5533, -2.5456, -89.8916



46.5520, 29.4035, 29.1999



46.5533, -42.0878, -33.1530

Square

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



46.5533, 29.4000, 29.2004



46.5533, -42.0505, 22.2435



46.5533, -27.5854, -72.3252



46.5533, 57.3422, -33.3175

Rectangle

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



46.5520, 29.4035, 29.1999



46.5533, -20.2629, 30.0534



46.5533, -27.5854, -72.3252



46.5533, 18.4363, -81.8376

Sweetspot

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



46.5533, 29.4000, 29.2004



85.9055, 3.3811, 23.7419



36.8287, 65.8037, 2.6030



38.8839, 2.2711, 11.9493

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.5533, 29.4000, 29.2004



60.2030, 39.1337, 37.7819



72.9619, -18.3357, 44.6377



34.8075, -1.1012, 4.2600



37.5810, 23.0304, 23.5605



9.3832, 3.3711, 5.8409

Inverse Universe

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



37.1033, 9.2136, -66.2650



47.8085, 12.9181, -87.6429



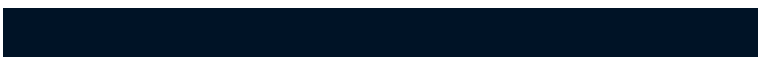
20.8266, 55.2372, -145.2717



34.2995, -2.4554, -0.6369



30.0615, 6.8092, -52.2733



7.8612, -0.3124, -9.1516

Previews

White Background



This preview shows how the HunterLab color 46.5520, 29.4035, 29.1999 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 46.5520, 29.4035, 29.1999 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 46.5520, 29.4035, 29.1999 Background



This preview shows how black text looks on a background with the HunterLab color 46.5520, 29.4035, 29.1999.



This preview shows how white text looks on a background with the HunterLab color 46.5520, 29.4035,

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

46.5520, 29.4035, 29.1999

Protanopia

46.6518, -6.5072, 27.9054

Deuteranopia

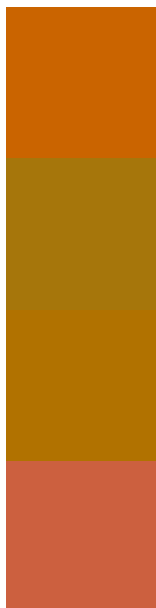
46.5893, 3.0030, 28.7607



Tritanopia

46.5926, 38.5418, 14.3636

Trichromacy



Original Color

46.5520, 29.4035, 29.1999

Protanomaly

45.9217, 6.1812, 27.9962

Deuteranomaly

46.2404, 12.2999, 28.7084

Tritanomaly

46.4349, 33.9922, 23.2035

Monochromacy



Original Color

46.5520, 29.4035, 29.1999

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 46.5520, 29.4035, 29.1999 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(202, 100, 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, 100, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 100, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.5520, 29.4035, 29.1999 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, 0) }
```


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

```
.border{ border-color:rgb(202, 100, 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, 100, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 100, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 100, 0);  
box-shadow:4px 4px 4px 4px rgb(202, 100,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.5520, 29.4035, 29.1999 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, 0) }
```

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

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