

Converting Colors

HunterLab(46.3101, 31.5316,
29.0881)

Have a look what the booklet for
HunterLab(46.3101, 31.5316,
29.0881) contains.

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Color

**HunterLab(46.2458, 31.6856,
29.0512)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6100
RGB	204, 97, 0
RGB Percent	80%, 38%, 0%
CMY	0.2000, 0.6196, 1.0000
CMYK	0.00, 0.52, 1.00, 0.20
HSL	29°, 100%, 40%
HSV	29°, 100%, 80%
XYZ	29.1765, 21.3867, 2.5902
YIQ	117.9350, 94.9090, -7.4830

Conversions

Conversions Part 2

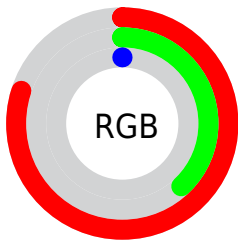
Format	Color
R_YB	204, 185, 0
Decimal	13394176
CIE Lab	53.37, 38.28, 62.08
CIE LCh	53, 72.933, 58.345
Yxy	21.3879, 0.5489, 0.4024
Android (android.graphics.Color)	4291584256 (0xFFCC6100)
YUV	117.9350, -58.1420, 75.4790
Hunter-Lab	46.2458, 31.6856, 29.0512

Details

The HunterLab color **46.2458, 31.6856, 29.0512** 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 **38.5672, 7.2837, -63.9287**, and the grayscale version is **42.7315, -2.2800, 2.3217**.

A 20% lighter version of the original color is **65.6697, 28.9032, 36.5921**, and **27.8995, 29.0510, 17.7001** is the 20% darker color. If you saturate the color by 10%, you get **46.2466, 31.6830, 29.0516**, and if you desaturate by 10%, it is **48.5309, 26.7486, 29.5410**.

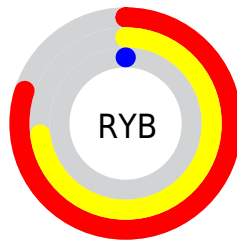
Distribution



Red (80%)

Green (38%)

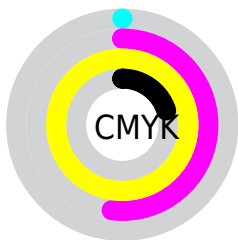
Blue (0%)



Red (80%)

Yellow (73%)

Blue (0%)

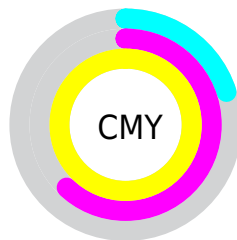


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.2458, 31.6856, 29.0512 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 46.2458, 31.6856, 29.0512 by changing the saturation by 10% instead.

46.2458, 31.6856,
29.0512

46.2458, 31.6856,
29.0512

161.0382, 39.6599,
64.5099

36.6167, 30.2957,
24.1945

67.6256, 34.0980,
38.0442

27.7669, 28.7817,
19.4368

79.2877, 35.1456,
42.2311

19.7736, 27.1475,
13.8415

91.5523, 36.0979,
46.2489

12.7409, 25.4499,
8.9187

104.3912, 36.9622,
50.1212

6.1094, 29.4253,
4.2765

117.7798, 37.7451,
53.8681


0.0000, INF, NaN

0.0000, NaN, NaN

131.6964, 38.4524,

57.5061


0.0000, NaN, NaN


 146.1216, 39.0892,
61.0495


0.0000, NaN, NaN


 46.2458, 31.6856,
29.0512


 46.2458, 31.6856,
29.0512

 46.2466, 31.6830,
29.0516

 48.5309, 26.7486,
29.5410

 51.0379, 21.9878,
29.4180

 53.7630, 17.5159,
28.5346

 56.6918, 13.3808,
26.9014

 59.8085, 9.6037,
24.5595

■ 63.0978, 6.1877,
21.5642

■ 66.5452, 3.1234,
17.9756

■ 70.1371, 0.3939,
13.8527

■ 73.8613, -2.0218,
9.2510

Harmonies

Analogous

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



46.2471, 59.6831, 21.6653



46.2458, 31.6856, 29.0512



46.2471, -0.8004, 30.5955

Triad

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



46.2471, 31.6820, 29.0517



46.2471, -47.0048, 4.0669



46.2471, 28.0675, -75.9615

Complementary

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



46.2458, 31.6856, 29.0512



38.5672, 7.2837, -63.9287

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.



46.2471, -4.1164, -92.1127



46.2458, 31.6856, 29.0512



46.2471, -42.9291, -31.6452

Square

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



46.2471, 31.6820, 29.0517



46.2471, -41.8973, 22.9859



46.2471, -28.9085, -72.2798



46.2471, 57.2511, -36.2959

Rectangle

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



46.2458, 31.6856, 29.0512



46.2471, -19.1888, 30.1418



46.2471, -28.9085, -72.2798



46.2471, 17.0231, -85.1163

Sweetspot

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



46.2471, 31.6820, 29.0517



85.4592, 4.1662, 23.3278



37.3326, 66.8785, 1.2864



38.6512, 2.6851, 11.7405

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.2471, 31.6820, 29.0517



59.1584, 41.6320, 37.1820



72.7051, -16.9666, 44.5034



34.7547, -1.0122, 4.2029



36.9399, 24.5393, 23.1918



9.2498, 3.6500, 5.7636

Inverse Universe

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



38.5672, 7.2837, -63.9287



49.1929, 10.2137, -83.5352



21.2305, 55.1038, -145.4887



34.3532, -2.5436, -0.5714



30.9024, 5.2012, -49.8534



8.0253, -0.5844, -8.7693

Previews

White Background



This preview shows how the HunterLab color 46.2458, 31.6856, 29.0512 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 46.2458, 31.6856, 29.0512 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 46.2458, 31.6856, 29.0512 Background



This preview shows how black text looks on a background with the HunterLab color 46.2458, 31.6856, 29.0512.



This preview shows how white text looks on a background with the HunterLab color 46.2458, 31.6856,

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

46.2458, 31.6856, 29.0512

Protanopia

46.2724, -6.4095, 27.6673

Deuteranopia

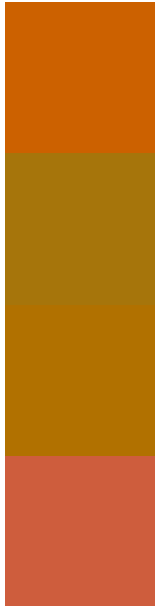
46.4763, 2.6228, 28.6844



Tritanopia

46.2842, 40.4844, 15.0529

Trichromacy



Original Color

46.2458, 31.6856, 29.0512

Protanomaly

45.6659, 6.6557, 27.8446

Deuteranomaly

45.9971, 12.7832, 28.5670

Tritanomaly

46.1383, 36.1355, 23.3895

Monochromacy



Original Color

46.2458, 31.6856, 29.0512

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.4846, 6.4907, 17.0027

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.2458, 31.6856, 29.0512 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, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 97, 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, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 97, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.2458, 31.6856, 29.0512 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, 97, 0) }
```


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

```
.border{ border-color:rgb(204, 97, 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, 97, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 97, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 97, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 97, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.2458, 31.6856, 29.0512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 97, 0) }
```

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

```
.background{ background-color: rgb(204, 97,  
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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