

Converting Colors

HunterLab(50.1841, 30.1807,
31.4516)

Have a look what the booklet for
HunterLab(50.1841, 30.1807,
31.4516) contains.

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Color

**HunterLab(50.2329, 30.0677,
31.4796)**

Conversions

Conversions Part 1

Format	Color
Hex	D66D00
RGB	214, 109, 0
RGB Percent	84%, 43%, 0%
CMY	0.1608, 0.5725, 1.0000
CMYK	0.00, 0.49, 1.00, 0.16
HSL	31°, 100%, 42%
HSV	31°, 100%, 84%
XYZ	33.2002, 25.2334, 3.1208
YIQ	127.9690, 97.5690, -11.6390

Conversions

Conversions Part 2

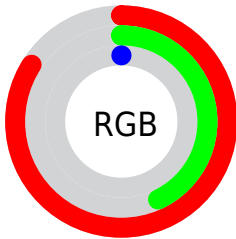
Format	Color
R_{YB}	206, 214, 0
Decimal	14052608
CIE _{Lab}	57.30, 36.17, 65.18
CIE _{LCh}	57, 74.540, 60.972
Yxy	25.2348, 0.5394, 0.4099
Android (android.graphics.Color)	4292242688 (0xFFD66D00)
YUV	127.9690, -63.0887, 75.4492
Hunter-Lab	50.2329, 30.0677, 31.4796

Details

The HunterLab color **50.2329, 30.0677, 31.4796** 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 **38.6761, 11.6497, -73.4894**, and the grayscale version is **46.6630, -2.4898, 2.5353**.

A 20% lighter version of the original color is **68.9245, 22.2697, 38.2929**, and **31.3103, 27.9449, 19.7825** is the 20% darker color. If you saturate the color by 10%, you get **50.2333, 30.0660, 31.4799**, and if you desaturate by 10%, it is **52.5987, 25.1264, 32.0287**.

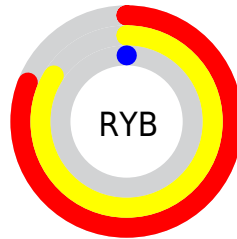
Distribution



Red (84%)

Green (43%)

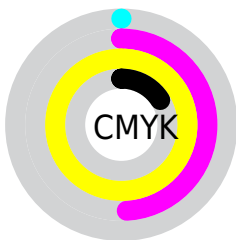
Blue (0%)



Red (81%)

Yellow (84%)

Blue (0%)

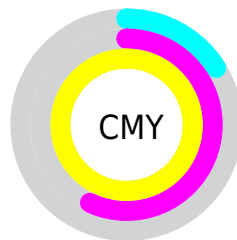


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.2329, 30.0677, 31.4796 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 50.2329, 30.0677, 31.4796 by changing the saturation by 10% instead.

50.2329, 30.0677,
31.4796

50.2329, 30.0677,
31.4796

167.0345, 37.0475,
67.9794

40.3139, 28.8107,
26.5183

72.1373, 32.2269,
40.6941

31.1492, 27.4301,
21.8044

84.0399, 33.1557,
44.9976

22.8085, 25.9185,
15.9660

96.5335, 33.9940,
49.1338

15.3832, 24.2948,
10.7683

109.5913, 34.7488,
53.1249

8.9919, 22.7514,
6.2943

123.1900, 35.4266,
56.9901

0.0000, INF, NaN

0.0000, NaN, NaN

137.3088, 36.0325,

60.7455

0.0000, NaN, NaN

151.9292, 36.5714,
64.4047

0.0000, NaN, NaN

50.2329, 30.0677,
31.4796

50.2329, 30.0677,
31.4796

50.2333, 30.0660,
31.4799

52.5987, 25.1264,
32.0287

55.1688, 20.4102,
31.9156

57.9422, 16.0201,
30.9889

60.9070, 11.9970,
29.2506

64.0503, 8.3576,
26.7356

■ 67.3589, 5.1024,
23.4956

■ 70.8201, 2.2206,
19.5891

■ 74.4218, -0.3052,
15.0757

■ 78.1531, -2.4964,
10.0126

Harmonies

Analogous

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



50.2343, 60.2017, 24.2072



50.2329, 30.0677, 31.4796



50.2343, -3.7021, 32.9239

Triad

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



50.2343, 30.0640, 31.4802



50.2343, -49.8854, 1.7513



50.2343, 32.2788, -75.5362

Complementary

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



50.2329, 30.0677, 31.4796



38.6761, 11.6497, -73.4894

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.



50.2343, -1.6558, -95.1180



50.2329, 30.0677, 31.4796



50.2343, -44.6452, -36.6628

Square

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



50.2343, 30.0640, 31.4802



50.2343, -45.2930, 23.3689



50.2343, -28.7291, -77.7574



50.2343, 61.6855, -33.8364

Rectangle

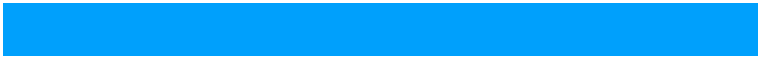
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.2329, 30.0677, 31.4796



50.2343, -22.5001, 32.2228



50.2343, -28.7291, -77.7574



50.2343, 20.7796, -85.7662

Sweetspot

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



50.2343, 30.0640, 31.4802



86.2327, 2.8082, 24.0445



39.1891, 69.8201, 4.3242



39.0546, 1.9690, 12.1019

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.2343, 30.0640, 31.4802



60.9879, 37.2926, 38.2333



78.9866, -21.2151, 48.2996



36.6825, -1.2229, 4.5431



39.3210, 22.7607, 24.6279



10.4790, 3.7966, 6.5236

Inverse Universe

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



38.6761, 11.6497, -73.4894



46.8144, 14.9153, -90.7118



22.0346, 59.7656, -156.5567



36.0620, -2.5198, -0.7377



30.4108, 8.3721, -56.0840



8.5046, 0.1373, -10.9263

Previews

White Background



This preview shows how the HunterLab color 50.2329, 30.0677, 31.4796 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 50.2329, 30.0677, 31.4796 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 50.2329, 30.0677, 31.4796 Background



This preview shows how black text looks on a background with the HunterLab color 50.2329, 30.0677, 31.4796.



This preview shows how white text looks on a background with the HunterLab color 50.2329, 30.0677,

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

50.2329, 30.0677, 31.4796

Protanopia

50.5735, -7.1410, 30.3673

Deuteranopia

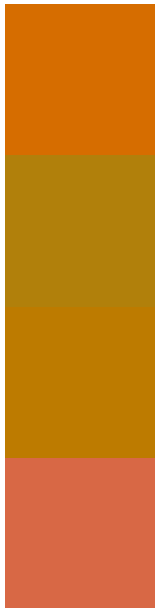
50.3454, 3.3538, 31.0813



Tritanopia

50.1416, 40.3229, 14.8271

Trichromacy



Original Color

50.2329, 30.0677, 31.4796

Protanomaly

49.8093, 5.6905, 30.4150

Deuteranomaly

49.9847, 12.7645, 31.0238

Tritanomaly

49.9292, 35.4038, 24.7001

Monochromacy



Original Color

50.2329, 30.0677, 31.4796

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.5185, 5.3920, 18.8371

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.2329, 30.0677, 31.4796 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(214, 109, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 109, 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(214, 109, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 109, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.2329, 30.0677, 31.4796 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(214, 109, 0) }
```


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

```
.border{ border-color:rgb(214, 109, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 109, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 109, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 109, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 109,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.2329, 30.0677, 31.4796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 109, 0) }
```

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

```
.background{ background-color: rgb(214,  
109, 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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