

Converting Colors

HunterLab(50.3526, 27.3884,
34.5960)

Have a look what the booklet for
HunterLab(50.3526, 27.3884,
34.5960) contains.

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Color

**HunterLab(50.5124, 28.6600,
31.6272)**

Conversions

Conversions Part 1

Format	Color
Hex	D56F00
RGB	213, 111, 0
RGB Percent	84%, 44%, 0%
CMY	0.1647, 0.5647, 1.0000
CMYK	0.00, 0.48, 1.00, 0.16
HSL	31°, 100%, 42%
HSV	31°, 100%, 84%
XYZ	33.1250, 25.5150, 3.1791
YIQ	128.8440, 96.4230, -12.8970

Conversions

Conversions Part 2

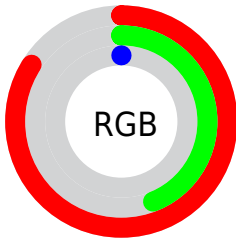
Format	Color
RYB	196, 213, 0
Decimal	13987584
CIELab	57.58, 34.73, 65.27
CIELCh	58, 73.932, 61.979
Yxy	25.5164, 0.5358, 0.4127
Android (android.graphics.Color)	4292177664 (0xFFD56F00)
YUV	128.8440, -63.5201, 73.8048
Hunter-Lab	50.5124, 28.6600, 31.6272

Details

The HunterLab color **50.5124, 28.6600, 31.6272** 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 **37.8246, 12.9079, -75.1411**, and the grayscale version is **47.0088, -2.5083, 2.5541**.

A 20% lighter version of the original color is **69.4379, 21.2279, 38.6248**, and **31.4909, 26.6914, 19.8719** is the 20% darker color. If you saturate the color by 10%, you get **50.5129, 28.6583, 31.6275**, and if you desaturate by 10%, it is **52.8453, 23.8550, 32.1678**.

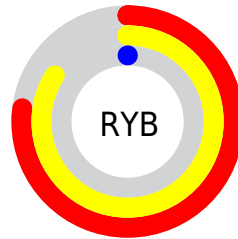
Distribution



Red (84%)

Green (44%)

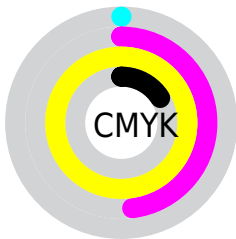
Blue (0%)



Red (77%)

Yellow (84%)

Blue (0%)

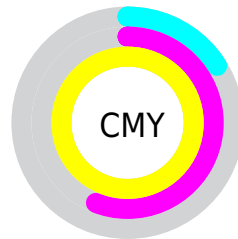


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.5124, 28.6600, 31.6272 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 50.5124, 28.6600, 31.6272 by changing the saturation by 10% instead.

50.5124, 28.6600,
31.6272

50.5124, 28.6600,
31.6272

167.4515, 35.1434,
68.1363

40.5737, 27.4652,
26.6670

72.4526, 30.6985,
40.8410

31.3876, 26.1466,
21.9713

84.3716, 31.5691,
45.1451

23.0235, 24.6943,
16.1165

96.8809, 32.3509,
49.2822

15.5718, 23.1201,
10.9003

109.9537, 33.0508,
53.2746

9.1576, 21.5446,
6.4103

123.5667, 33.6750,
57.1413

0.0000, INF, NaN

0.0000, NaN, NaN

137.6994, 34.2288,

60.8984

0.0000, NaN, NaN

152.3332, 34.7170,
64.5596

0.0000, NaN, NaN

50.5124, 28.6600,
31.6272

50.5124, 28.6600,
31.6272

50.5129, 28.6583,
31.6275

52.8453, 23.8550,
32.1678

55.3710, 19.2838,
32.0498

58.0896, 15.0422,
31.1211

60.9906, 11.1677,
29.3808

64.0622, 7.6753,
26.8607

■ 67.2923, 4.5648,
23.6099

■ 70.6690, 1.8255,
19.6846

■ 74.1814, -0.5597,
15.1426

■ 77.8190, -2.6117,
10.0401

Harmonies

Analogous

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



50.5138, 58.8596, 24.5847



50.5124, 28.6600, 31.6272



50.5138, -4.7516, 32.9859

Triad

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



50.5138, 28.6564, 31.6277



50.5138, -49.7272, 0.7403



50.5138, 33.1263, -73.4637

Complementary

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



50.5124, 28.6600, 31.6272



37.8246, 12.9079, -75.1411

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.



50.5138, -0.6110, -93.8679



50.5124, 28.6600, 31.6272



50.5138, -44.1482, -37.7271

Square

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



50.5138, 28.6564, 31.6277



50.5138, -45.4673, 22.8708



50.5138, -27.8847, -77.9210



50.5138, 61.8495, -32.0396

Rectangle

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



50.5124, 28.6600, 31.6272



50.5138, -23.2305, 32.1949



50.5138, -27.8847, -77.9210



50.5138, 21.7492, -83.8463

Sweetspot

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



50.5138, 28.6564, 31.6277



86.5032, 2.3362, 24.2940



38.8903, 69.1152, 5.6295



39.1958, 1.7201, 12.2277

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.5138, 28.6564, 31.6277



61.6484, 35.7662, 38.6136



78.2362, -22.3432, 47.8174



36.7163, -1.2796, 4.5795



39.7392, 21.8077, 24.8689



10.5730, 3.6025, 6.5781

Inverse Universe

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



37.8246, 12.9079, -75.1411



46.0063, 16.5754, -93.2854



21.9709, 59.4885, -155.2959



36.0278, -2.4634, -0.7796



29.9014, 9.3959, -57.6572



8.3934, 0.3310, -11.2055

Previews

White Background



This preview shows how the HunterLab color 50.5124, 28.6600, 31.6272 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 50.5124, 28.6600, 31.6272 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 50.5124, 28.6600, 31.6272 Background



This preview shows how black text looks on a background with the HunterLab color 50.5124, 28.6600, 31.6272.



This preview shows how white text looks on a background with the HunterLab color 50.5124, 28.6600,

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

50.5124, 28.6600, 31.6272

Protanopia

50.6725, -6.7885, 30.4357

Deuteranopia

50.6127, 2.8788, 31.2377



Tritanopia

50.4234, 39.1418, 14.4101

Trichromacy



Original Color

50.5124, 28.6600, 31.6272

Protanomaly

50.0717, 5.2116, 30.5703

Deuteranomaly

50.2336, 12.2755, 31.1686

Tritanomaly

50.1969, 34.0685, 24.6836

Monochromacy



Original Color

50.5124, 28.6600, 31.6272

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.9061, 5.3630, 18.9071

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.5124, 28.6600, 31.6272 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(213, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(213, 111, 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(213, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 111, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.5124, 28.6600, 31.6272 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(213, 111, 0) }
```


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

```
.border{ border-color:rgb(213, 111, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 111, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(213, 111,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.5124, 28.6600, 31.6272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 111, 0) }
```

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

```
.background{ background-color: rgb(213,  
111, 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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