

Converting Colors

HunterLab(47.4146, 29.6934,
29.7365)

Have a look what the booklet for
HunterLab(47.4146, 29.6934,
29.7365) contains.

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Color

**HunterLab(47.4151, 29.6922,
29.7367)**

Conversions

Conversions Part 1

Format	Color
Hex	CD6600
RGB	205, 102, 0
RGB Percent	80%, 40%, 0%
CMY	0.1961, 0.6000, 1.0000
CMYK	0.00, 0.50, 1.00, 0.20
HSL	30°, 100%, 40%
HSV	30°, 100%, 80%
XYZ	29.9283, 22.4819, 2.7621
YIQ	121.1690, 94.1300, -9.8860

Conversions

Conversions Part 2

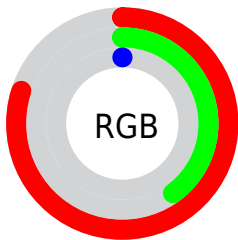
Format	Color
R _Y B	205, 203, 0
Decimal	13460992
CIE Lab	54.54, 36.13, 62.85
CIE LCh	55, 72.490, 60.106
Yxy	22.4832, 0.5424, 0.4075
Android (android.graphics.Color)	4291651072 (0xFFCD6600)
YUV	121.1690, -59.7363, 73.5198
Hunter-Lab	47.4151, 29.6922, 29.7367

Details

The HunterLab color **47.4151, 29.6922, 29.7367** 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 **37.5612, 9.6851, -67.8547**, and the grayscale version is **43.9928, -2.3473, 2.3902**.

A 20% lighter version of the original color is **66.8976, 26.3474, 37.2509**, and **28.8021, 27.4096, 18.2276** is the 20% darker color. If you saturate the color by 10%, you get **47.4155, 29.6905, 29.7370**, and if you desaturate by 10%, it is **49.6865, 24.9039, 30.2342**.

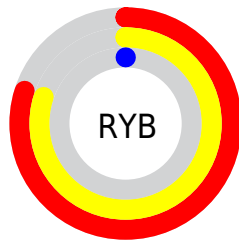
Distribution



Red (80%)

Green (40%)

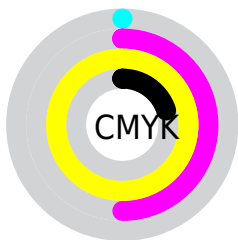
Blue (0%)



Red (80%)

Yellow (80%)

Blue (0%)

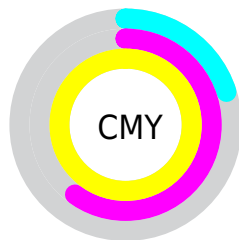


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4151, 29.6922, 29.7367 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 47.4151, 29.6922, 29.7367 by changing the saturation by 10% instead.

47.4151, 29.6922,
29.7367

47.4151, 29.6922,
29.7367

162.8064, 36.8675,
65.4288

37.6993, 28.4026,
24.8566

68.9516, 31.9088,
38.7761

28.7550, 26.9873,
20.1285

80.6854, 32.8624,
42.9884

20.6573, 25.4424,
14.4601

93.0183, 33.7235,
47.0326

13.5061, 23.8012,
9.4543

105.9224, 34.4993,
50.9319

7.0863, 24.6907,
4.9604

119.3736, 35.1963,
54.7059

0.0000, INF, NaN

0.0000, NaN, NaN

133.3503, 35.8202,

58.3711

0.0000, NaN, NaN

147.8336, 36.3758,
61.9415

0.0000, NaN, NaN

47.4151, 29.6922,
29.7367

47.4151, 29.6922,
29.7367

47.4155, 29.6905,
29.7370

49.6865, 24.9039,
30.2342

52.1609, 20.3175,
30.1116

54.8368, 16.0354,
29.2196

57.7018, 12.0989,
27.5635

60.7426, 8.5253,
25.1795

■ 63.9456, 5.3155,
22.1191

■ 67.2979, 2.4596,
18.4393

■ 70.7875, -0.0593,
14.1976

■ 74.4034, -2.2616,
9.4487

Harmonies

Analogous

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



47.4164, 58.2200, 22.6466



47.4151, 29.6922, 29.7367



47.4164, -2.6392, 31.1741

Triad

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



47.4164, 29.6887, 29.7372



47.4164, -47.4450, 2.4794



47.4164, 29.9201, -73.3877

Complementary

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



47.4151, 29.6922, 29.7367



37.5612, 9.6851, -67.8547

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.



47.4164, -2.4258, -91.2667



47.4151, 29.6922, 29.7367



47.4164, -42.7500, -33.9032

Square

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



47.4164, 29.6887, 29.7372



47.4164, -42.8172, 22.5600



47.4164, -27.9381, -73.6210



47.4164, 58.3753, -33.6070

Rectangle

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



47.4151, 29.6922, 29.7367



47.4164, -20.7362, 30.5794



47.4164, -27.9381, -73.6210



47.4164, 18.9136, -82.9609

Sweetspot

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



47.4164, 29.6887, 29.7372



85.9628, 3.2806, 23.7949



37.4408, 66.8922, 2.6834



38.9138, 2.2181, 11.9760

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.4164, 29.6887, 29.7372



60.3393, 38.8118, 37.8602



74.1786, -18.6402, 45.3820



34.8143, -1.1126, 4.2673



37.6646, 22.8362, 23.6085



9.4004, 3.3353, 5.8509

Inverse Universe

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



37.5612, 9.6851, -67.8547



47.6331, 13.2669, -88.1767



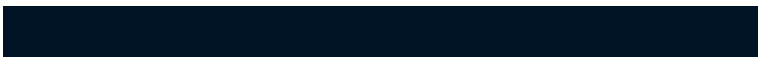
21.1711, 56.1727, -147.7213



34.2926, -2.4440, -0.6453



29.9549, 7.0165, -52.5877



7.8403, -0.2773, -9.2011

Previews

White Background



This preview shows how the HunterLab color 47.4151, 29.6922, 29.7367 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 47.4151, 29.6922, 29.7367 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 47.4151, 29.6922, 29.7367 Background



This preview shows how black text looks on a background with the HunterLab color 47.4151, 29.6922, 29.7367.



This preview shows how white text looks on a background with the HunterLab color 47.4151, 29.6922,

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

47.4151, 29.6922, 29.7367

Protanopia

47.5102, -6.3546, 28.4501

Deuteranopia

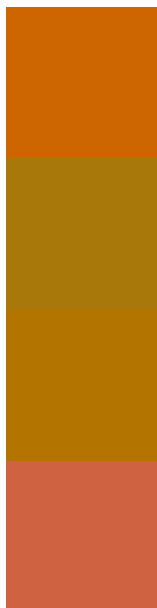
47.4577, 3.2078, 29.2993



Tritanopia

47.4699, 38.9623, 14.5552

Trichromacy



Original Color

47.4151, 29.6922, 29.7367

Protanomaly

46.7890, 6.3947, 28.5419

Deuteranomaly

47.1106, 12.5372, 29.2488

Tritanomaly

47.2979, 34.3163, 23.6652

Monochromacy



Original Color

47.4151, 29.6922, 29.7367

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

43.8701, 5.8481, 17.6459

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4151, 29.6922, 29.7367 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(205, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(205, 102, 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(205, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 102, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4151, 29.6922, 29.7367 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(205, 102, 0) }
```


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

```
.border{ border-color:rgb(205, 102, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 102, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(205, 102,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4151, 29.6922, 29.7367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 102, 0) }
```

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

```
.background{ background-color: rgb(205,  
102, 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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