

Converting Colors

HunterLab(49.3002, 30.6920,
30.9159)

Have a look what the booklet for
HunterLab(49.3002, 30.6920,
30.9159) contains.

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Color

**HunterLab(49.3002, 30.6920,
30.9159)**

Conversions

Conversions Part 1

Format	Color
Hex	D46A00
RGB	212, 106, 0
RGB Percent	83%, 42%, 0%
CMY	0.1686, 0.5843, 1.0000
CMYK	0.00, 0.50, 1.00, 0.17
HSL	30°, 100%, 42%
HSV	30°, 100%, 83%
XYZ	32.3054, 24.3051, 2.9886
YIQ	125.6100, 97.2020, -10.4940

Conversions

Conversions Part 2

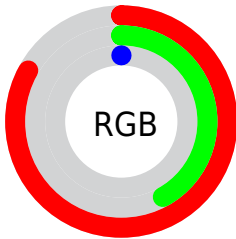
Format	Color
R_{YB}	212, 212, 0
Decimal	13920768
CIE Lab	56.39, 36.90, 64.48
CIE LCh	56, 74.295, 60.220
Yxy	24.3064, 0.5420, 0.4078
Android (android.graphics.Color)	4292110848 (0xFFD46A00)
YUV	125.6100, -61.9257, 75.7640
Hunter-Lab	49.3002, 30.6920, 30.9159

Details

The HunterLab color **49.3002, 30.6920, 30.9159** 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 **38.8086, 10.4485, -71.0623**, and the grayscale version is **45.7333, -2.4402, 2.4848**.

A 20% lighter version of the original color is **68.1540, 23.7881, 37.9287**, and **30.5162, 28.4400, 19.3018** is the 20% darker color. If you saturate the color by 10%, you get **49.3010, 30.6896, 30.9163**, and if you desaturate by 10%, it is **51.6555, 25.7243, 31.4544**.

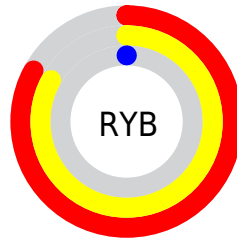
Distribution



Red (83%)

Green (42%)

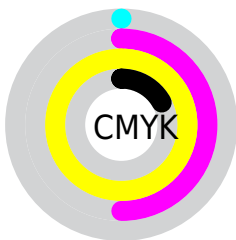
Blue (0%)



Red (83%)

Yellow (83%)

Blue (0%)

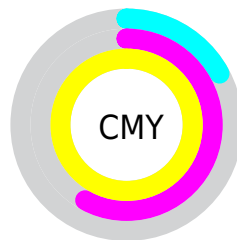


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3002, 30.6920, 30.9159 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 49.3002, 30.6920, 30.9159 by changing the saturation by 10% instead.

49.3002, 30.6920,
30.9159

49.3002, 30.6920,
30.9159

165.6400, 37.9811,
67.1883

39.4475, 29.3943,
25.9764

71.0843, 32.9289,
40.0825

30.3548, 27.9727,
21.2483

82.9317, 33.8944,
44.3607

22.0932, 26.4222,
15.4652

95.3726, 34.7681,
48.4710

14.7569, 24.7697,
10.3298

108.3801, 35.5571,
52.4362

8.4130, 23.5961,
5.8891

121.9304, 36.2677,
56.2755


0.0000, INF, NaN

0.0000, NaN, NaN


136.0026, 36.9055,

60.0051


0.0000, NaN, NaN


 150.5781, 37.4752,
63.6388


0.0000, NaN, NaN


 49.3002, 30.6920,
30.9159


 49.3002, 30.6920,
30.9159


 49.3010, 30.6896,
30.9163

 51.6555, 25.7243,
31.4544

 54.2208, 20.9700,
31.3407

 56.9946, 16.5335,
30.4244

 59.9640, 12.4576,
28.7099

 63.1153, 8.7602,
26.2342

■ 66.4348, 5.4423,
23.0502

■ 69.9090, 2.4936,
19.2172

■ 73.5255, -0.1035,
14.7950

■ 77.2730, -2.3702,
9.8407

Harmonies

Analogous

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



49.3016, 60.3428, 23.5751



49.3002, 30.6920, 30.9159



49.3016, -2.8622, 32.4004

Triad

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



49.3016, 30.6883, 30.9164



49.3016, -49.2825, 2.4652



49.3016, 31.1853, -76.0174

Complementary

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



49.3002, 30.6920, 30.9159



38.8086, 10.4485, -71.0623

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.



49.3016, -2.4039, -94.6915



49.3002, 30.6920, 30.9159



49.3016, -44.3665, -35.3479

Square

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



49.3016, 30.6883, 30.9164



49.3016, -44.5108, 23.3889



49.3016, -28.9366, -76.5179



49.3016, 60.6762, -34.7123

Rectangle

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



49.3002, 30.6920, 30.9159



49.3016, -21.6300, 31.7730



49.3016, -28.9366, -76.5179



49.3016, 19.7619, -85.9830

Sweetspot

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



49.3016, 30.6883, 30.9164



86.0187, 3.1826, 23.8467



38.7785, 69.0921, 4.2556



38.9430, 2.1664, 12.0021

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.3016, 30.6883, 30.9164



60.4728, 38.4973, 37.9370



78.1560, -20.9920, 47.7917



36.6558, -1.1779, 4.5143



38.9946, 23.5133, 24.4399



10.4053, 3.9505, 6.4808

Inverse Universe

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



38.8086, 10.4485, -71.0623



47.4624, 13.6079, -88.6995



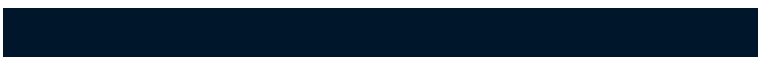
21.8027, 59.1377, -154.9119



36.0892, -2.5644, -0.7045



30.8190, 7.5659, -54.8537



8.5932, -0.0154, -10.7075

Previews

White Background



This preview shows how the HunterLab color 49.3002, 30.6920, 30.9159 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 49.3002, 30.6920, 30.9159 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 49.3002, 30.6920, 30.9159 Background



This preview shows how black text looks on a background with the HunterLab color 49.3002, 30.6920, 30.9159.



This preview shows how white text looks on a background with the HunterLab color 49.3002, 30.6920,

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

49.3002, 30.6920, 30.9159

Protanopia

49.4209, -6.8451, 29.6466

Deuteranopia

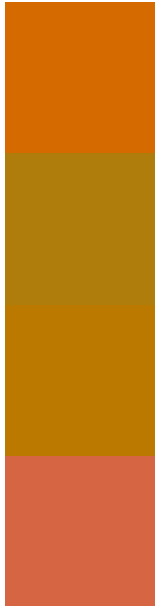
49.4683, 3.1471, 30.5373



Tritanopia

49.3869, 40.2040, 15.0913

Trichromacy



Original Color

49.3002, 30.6920, 30.9159

Protanomaly

48.6724, 5.9559, 29.7103

Deuteranomaly

49.2337, 12.9311, 30.5639

Tritanomaly

49.1977, 35.4350, 24.5362

Monochromacy



Original Color

49.3002, 30.6920, 30.9159

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.7613, 5.5354, 18.4617

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3002, 30.6920, 30.9159 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(212, 106, 0)` looks like.

```
.text, #text, p{  
  color:rgb(212, 106, 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(212, 106, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 106, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3002, 30.6920, 30.9159 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(212, 106, 0) }
```


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

```
.border{ border-color:rgb(212, 106, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 106, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 106, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 106, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 106,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3002, 30.6920, 30.9159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 106, 0) }
```

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

```
.background{ background-color: rgb(212,  
106, 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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