

Converting Colors

HunterLab(49.4608, 32.9523,
32.5030)

Have a look what the booklet for
HunterLab(49.4608, 32.9523,
32.5030) contains.

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Color

**HunterLab(49.4970, 33.3582,
31.0838)**

Conversions

Conversions Part 1

Format	Color
Hex	D86800
RGB	216, 104, 0
RGB Percent	85%, 41%, 0%
CMY	0.1529, 0.5921, 1.0000
CMYK	0.00, 0.52, 1.00, 0.15
HSL	29°, 100%, 42%
HSV	29°, 100%, 85%
XYZ	33.2692, 24.4995, 2.9754
YIQ	125.6320, 100.1360, -8.6000

Conversions

Conversions Part 2

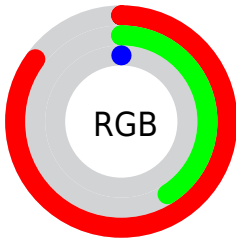
Format	Color
R_{YB}	216, 201, 0
Decimal	14182400
CIE _{Lab}	56.59, 39.51, 64.90
CIE _{LCh}	57, 75.982, 58.672
Yxy	24.5009, 0.5477, 0.4033
Android (android.graphics.Color)	4292372480 (0xFFD86800)
YUV	125.6320, -61.9366, 79.2527
Hunter-Lab	49.4970, 33.3582, 31.0838

Details

The HunterLab color **49.4970, 33.3582, 31.0838** 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 **40.6766, 8.6326, -69.4769**, and the grayscale version is **45.7413, -2.4406, 2.4852**.

A 20% lighter version of the original color is **67.6515, 24.8297, 37.6040**, and **30.6859, 31.2253, 19.4551** is the 20% darker color. If you saturate the color by 10%, you get **49.4977, 33.3560, 31.0842**, and if you desaturate by 10%, it is **51.9268, 28.1150, 31.6451**.

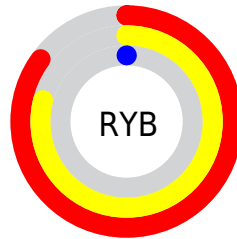
Distribution



Red (85%)

Green (41%)

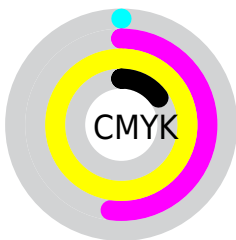
Blue (0%)



Red (85%)

Yellow (79%)

Blue (0%)

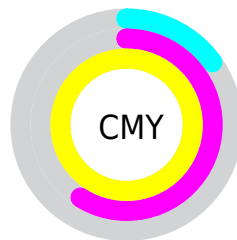


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4970, 33.3582, 31.0838 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 49.4970, 33.3582, 31.0838 by changing the saturation by 10% instead.

49.4970, 33.3582,
31.0838

49.4970, 33.3582,
31.0838

165.9347, 41.4828,
67.5416

39.6303, 31.9601,
26.1220

71.3066, 35.7940,
40.2955

30.5222, 30.4404,
21.3656

83.1657, 36.8566,
44.5956

22.2439, 28.7993,
15.5707

95.6178, 37.8253,
48.7273

14.8887, 27.0769,
10.4221

108.6359, 38.7073,
52.7131

8.5387, 25.8044,
5.9771

122.1965, 39.5088,
56.5724

0.0000, INF, NaN

0.0000, NaN, NaN


136.2786, 40.2354,


60.3214


0.0000, NaN, NaN


 150.8636, 40.8919,
63.9739

0.0000, NaN, NaN


 49.4970, 33.3582,
31.0838


 49.4970, 33.3582,
31.0838

 49.4977, 33.3560,
31.0842

 51.9268, 28.1150,
31.6451

 54.5899, 23.0692,
31.5380

 57.4824, 18.3363,
30.6134

 60.5893, 13.9663,
28.8798

 63.8944, 9.9816,
26.3796

■ 67.3818, 6.3850,
23.1709

■ 71.0362, 3.1663,
19.3175

■ 74.8436, 0.3076,
14.8825

■ 78.7912, -2.2137,
9.9254

Harmonies

Analogous

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



49.4984, 63.2889, 23.2746



49.4970, 33.3582, 31.0838



49.4984, -1.2173, 32.7089

Triad

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



49.4984, 33.3544, 31.0844



49.4984, -50.1622, 4.0247



49.4984, 30.2649, -80.4045

Complementary

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



49.4970, 33.3582, 31.0838



40.6766, 8.6326, -69.4769

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.



49.4984, -4.0542, -97.9565



49.4970, 33.3582, 31.0838



49.4984, -45.6996, -34.1550

Square

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



49.4984, 33.3544, 31.0844



49.4984, -44.8149, 24.4085



49.4984, -30.6080, -77.2638



49.4984, 61.2112, -38.1259

Rectangle

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



49.4970, 33.3582, 31.0838



49.4984, -20.7479, 32.1991



49.4984, -30.6080, -77.2638



49.4984, 18.5062, -90.2411

Sweetspot

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



49.4984, 33.3544, 31.0844



85.5956, 3.9258, 23.4545



39.8013, 71.2816, 1.5205



38.7223, 2.5583, 11.8044

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.4984, 33.3544, 31.0844



59.4744, 40.8702, 37.3634



77.5251, -18.0813, 47.4539



36.6028, -1.0886, 4.4571



38.3610, 24.9973, 24.0755



10.2609, 4.2554, 6.3972

Inverse Universe

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



40.6766, 8.6326, -69.4769



48.7663, 11.0378, -84.7812



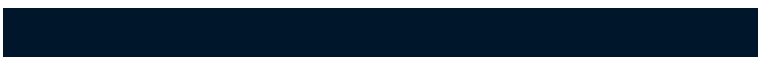
22.6148, 58.8730, -155.3553



36.1431, -2.6529, -0.6387



31.6394, 5.9810, -52.4577



8.7705, -0.3161, -10.2801

Previews

White Background



This preview shows how the HunterLab color 49.4970, 33.3582, 31.0838 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 49.4970, 33.3582, 31.0838 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 49.4970, 33.3582, 31.0838 Background



This preview shows how black text looks on a background with the HunterLab color 49.4970, 33.3582, 31.0838.



This preview shows how white text looks on a background with the HunterLab color 49.4970, 33.3582,

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

49.4970, 33.3582, 31.0838

Protanopia

49.8080, -6.9249, 29.8368

Deuteranopia

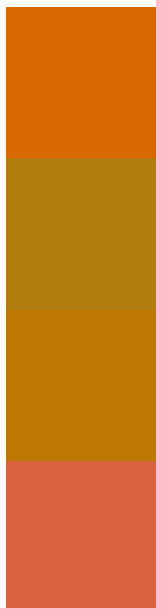
49.4683, 3.1471, 30.5373



Tritanopia

49.5870, 42.5837, 15.9579

Trichromacy



Original Color

49.4970, 33.3582, 31.0838

Protanomaly

49.0315, 7.1425, 29.9174

Deuteranomaly

49.1165, 13.8254, 30.5074

Tritanomaly

49.4096, 38.0035, 24.9264

Monochromacy



Original Color

49.4970, 33.3582, 31.0838

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.7242, 6.7436, 18.4520

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4970, 33.3582, 31.0838 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(216, 104, 0)` looks like.

```
.text, #text, p{  
    color:rgb(216, 104, 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(216, 104, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 104, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4970, 33.3582, 31.0838 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(216, 104, 0) }
```


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

```
.border{ border-color:rgb(216, 104, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 104, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 104, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 104, 0);  
box-shadow:4px 4px 4px 4px rgb(216, 104,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4970, 33.3582, 31.0838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 104, 0) }
```

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

```
.background{ background-color: rgb(216,  
104, 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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