

Converting Colors

HunterLab(49.1661, 33.5322,
30.8830)

Have a look what the booklet for
HunterLab(49.1661, 33.5322,
30.8830) contains.

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Color

**HunterLab(49.1402, 33.4205,
30.8650)**

Conversions

Conversions Part 1

Format	Color
Hex	D76700
RGB	215, 103, 0
RGB Percent	84%, 40%, 0%
CMY	0.1569, 0.5960, 1.0000
CMYK	0.00, 0.52, 1.00, 0.16
HSL	29°, 100%, 42%
HSV	29°, 100%, 84%
XYZ	32.8746, 24.1476, 2.9283
YIQ	124.7460, 99.8150, -8.2890

Conversions

Conversions Part 2

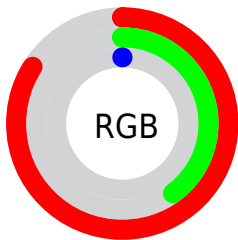
Format	Color
RYB	215, 198, 0
Decimal	14116608
CIELab	56.24, 39.61, 64.62
CIElCh	56, 75.797, 58.492
Yxy	24.1489, 0.5484, 0.4028
Android (android.graphics.Color)	4292306688 (0xFFD76700)
YUV	124.7460, -61.4998, 79.1528
Hunter-Lab	49.1402, 33.4205, 30.8650

Details

The HunterLab color **49.1402, 33.4205, 30.8650** 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 **40.6134, 8.3012, -68.6826**, and the grayscale version is **45.3931, -2.4221, 2.4663**.

A 20% lighter version of the original color is **67.4020, 25.3503, 37.4427**, and **30.3781, 31.2455, 19.2658** is the 20% darker color. If you saturate the color by 10%, you get **49.1408, 33.4185, 30.8654**, and if you desaturate by 10%, it is **51.5600, 28.1868, 31.4200**.

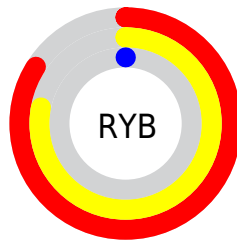
Distribution



Red (84%)

Green (40%)

Blue (0%)



Red (84%)

Yellow (78%)

Blue (0%)

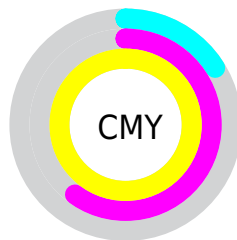


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1402, 33.4205, 30.8650 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 49.1402, 33.4205, 30.8650 by changing the saturation by 10% instead.

49.1402, 33.4205, 30.8650

49.1402, 33.4205, 30.8650

165.4003, 41.6067, 67.2272

39.2990, 32.0140, 25.9126

70.9035, 35.8723, 40.0562

30.2187, 30.4859, 21.1531

82.7414, 36.9423, 44.3456

21.9708, 28.8373, 15.3796

95.1732, 37.9181, 48.4664

14.6500, 27.1113, 10.2550

108.1720, 38.8068, 52.4414

8.3092, 26.0607, 5.8164

121.7140, 39.6148, 56.2898

0.0000, INF, NaN

0.0000, NaN, NaN

135.7782, 40.3476,

60.0281

0.0000, NaN, NaN

150.3459, 41.0101,
63.6700

0.0000, NaN, NaN

49.1402, 33.4205,
30.8650

49.1402, 33.4205,
30.8650

49.1408, 33.4185,
30.8654

51.5600, 28.1868,
31.4200

54.2142, 23.1462,
31.3115

57.0986, 18.4151,
30.3907

60.1979, 14.0441,
28.6667

63.4959, 10.0557,
26.1824

■ 66.9764, 6.4531,
22.9960

■ 70.6242, 3.2263,
19.1713

■ 74.4250, 0.3572,
14.7712

■ 78.3660, -2.1764,
9.8551

Harmonies

Analogous

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



49.1416, 63.1544, 23.0597



49.1402, 33.4205, 30.8650



49.1416, -1.0116, 32.4936

Triad

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



49.1416, 33.4167, 30.8656



49.1416, -49.8808, 4.1753



49.1416, 29.9240, -80.3138

Complementary

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



49.1402, 33.4205, 30.8650



40.6134, 8.3012, -68.6826

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.



49.1416, -4.2172, -97.5944



49.1402, 33.4205, 30.8650



49.1416, -45.5053, -33.7526

Square

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



49.1416, 33.4167, 30.8656



49.1416, -44.5069, 24.3384



49.1416, -30.5692, -76.7593



49.1416, 60.8049, -38.2445

Rectangle

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



49.1402, 33.4205, 30.8650



49.1416, -20.4835, 32.0008



49.1416, -30.5692, -76.7593



49.1416, 18.2162, -90.0586

Sweetspot

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



49.1416, 33.4167, 30.8656



85.5406, 4.0227, 23.4034



39.5946, 70.9129, 1.5007



38.6936, 2.6094, 11.7787

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.1416, 33.4167, 30.8656



59.3466, 41.1777, 37.2900



77.1215, -17.9879, 47.2068



36.5959, -1.0770, 4.4496



38.2797, 25.1898, 24.0288



10.2423, 4.2951, 6.3865

Inverse Universe

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



40.6134, 8.3012, -68.6826



48.9380, 10.7051, -84.2776



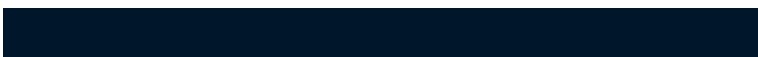
22.4990, 58.5572, -154.5288



36.1501, -2.6645, -0.6301



31.7474, 5.7758, -52.1497



8.7938, -0.3550, -10.2250

Previews

White Background



This preview shows how the HunterLab color 49.1402, 33.4205, 30.8650 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 49.1402, 33.4205, 30.8650 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 49.1402, 33.4205, 30.8650 Background



This preview shows how black text looks on a background with the HunterLab color 49.1402, 33.4205, 30.8650.



This preview shows how white text looks on a background with the HunterLab color 49.1402, 33.4205,

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

49.1402, 33.4205, 30.8650

Protanopia

49.4243, -6.8262, 29.5965

Deuteranopia

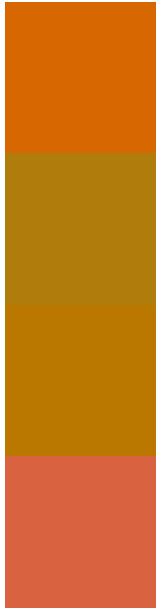
49.3543, 2.7632, 30.4602



Tritanopia

49.2245, 42.5693, 15.9363

Trichromacy



Original Color

49.1402, 33.4205, 30.8650

Protanomaly

48.6538, 7.2301, 29.6830

Deuteranomaly

48.9875, 13.4193, 30.4208

Tritanomaly

49.0480, 38.0157, 24.8433

Monochromacy



Original Color

49.1402, 33.4205, 30.8650

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.3551, 6.8570, 18.1465

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1402, 33.4205, 30.8650 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(215, 103, 0)` looks like.

```
.text, #text, p{  
    color:rgb(215, 103, 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(215, 103, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 103, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1402, 33.4205, 30.8650 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(215, 103, 0) }
```


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

```
.border{ border-color:rgb(215, 103, 0) }
```

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

Here you see how a box with a 4 pixel rgb(215, 103, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 103, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 103, 0);  
box-shadow:4px 4px 4px 4px rgb(215, 103,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1402, 33.4205, 30.8650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 103, 0) }
```

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

```
.background{ background-color: rgb(215,  
103, 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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