

Converting Colors

HunterLab(49.0053, 25.4848,
33.1839)

Have a look what the booklet for
HunterLab(49.0053, 25.4848,
33.1839) contains.

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Color

**HunterLab(49.2683, 26.2010,
30.8176)**

Conversions

Conversions Part 1

Format	Color
Hex	CE6E00
RGB	206, 110, 0
RGB Percent	81%, 43%, 0%
CMY	0.1922, 0.5686, 1.0000
CMYK	0.00, 0.47, 1.00, 0.19
HSL	32°, 100%, 40%
HSV	32°, 100%, 81%
XYZ	31.0295, 24.2737, 3.0498
YIQ	126.1640, 92.5260, -13.8580

Conversions

Conversions Part 2

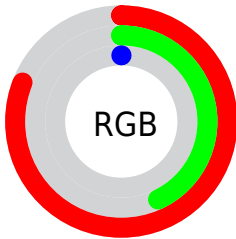
Format	Color
R _Y B	180, 206, 0
Decimal	13528576
CIE Lab	56.36, 32.38, 64.02
CIE LCh	56, 71.743, 63.171
Yxy	24.2750, 0.5317, 0.4160
Android (android.graphics.Color)	4291718656 (0xFFCE6E00)
YUV	126.1640, -62.1989, 70.0162
Hunter-Lab	49.2683, 26.2010, 30.8176

Details

The HunterLab color **49.2683, 26.2010, 30.8176** 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 **35.8076, 13.7233, -74.3804**, and the grayscale version is **45.9526, -2.4519, 2.4967**.

A 20% lighter version of the original color is **69.1721, 21.7048, 38.5856**, and **30.4162, 24.7822, 19.1762** is the 20% darker color. If you saturate the color by 10%, you get **49.2689, 26.1990, 30.8180**, and if you desaturate by 10%, it is **51.4905, 21.7061, 31.3132**.

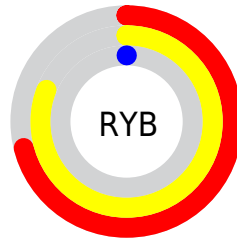
Distribution



Red (81%)

Green (43%)

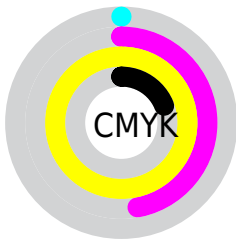
Blue (0%)



Red (71%)

Yellow (81%)

Blue (0%)

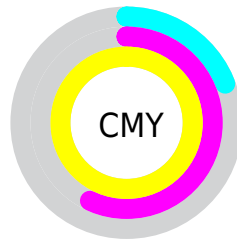


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2683, 26.2010, 30.8176 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 49.2683, 26.2010, 30.8176 by changing the saturation by 10% instead.

49.2683, 26.2010,
30.8176

49.2683, 26.2010,
30.8176

165.5922, 31.9828,
66.8625

39.4179, 25.0901,
25.9074

71.0482, 28.0736,
39.9265

30.3276, 23.8542,
21.2293

82.8937, 28.8631,
44.1773

22.0688, 22.4808,
15.4482

95.3328, 29.5652,
48.2614

14.7356, 20.9764,
10.3149

108.3386, 30.1870,
52.2014

8.3924, 19.8438,
5.8747

121.8872, 30.7347,
56.0165

0.0000, INF, NaN

0.0000, NaN, NaN

135.9579, 31.2136,

59.7230

0.0000, NaN, NaN

150.5318, 31.6283,
63.3344

0.0000, NaN, NaN

49.2683, 26.2010,
30.8176

49.2683, 26.2010,
30.8176

49.2689, 26.1990,
30.8180

51.4905, 21.7061,
31.3132

53.8869, 17.4436,
31.1812

56.4591, 13.5024,
30.2695

59.1981, 9.9155,
28.5747

62.0937, 6.6957,
26.1250

■ 65.1354, 3.8418,
22.9645

■ 68.3128, 1.3436,
19.1453

■ 71.6159, -0.8148,
14.7211

■ 75.0356, -2.6531,
9.7450

Harmonies

Analogous

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



49.2696, 55.5420, 24.2486



49.2683, 26.2010, 30.8176



49.2696, -5.7819, 32.0325

Triad

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



49.2696, 26.1976, 30.8181



49.2696, -48.0099, -0.4510



49.2696, 33.0664, -68.9004

Complementary

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



49.2683, 26.2010, 30.8176



35.8076, 13.7233, -74.3804

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.



49.2696, 0.6000, -89.5803



49.2683, 26.2010, 30.8176



49.2696, -42.2137, -37.7760

Square

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



49.2696, 26.1976, 30.8181



49.2696, -44.2615, 21.5753



49.2696, -26.0556, -75.7048



49.2696, 60.1282, -29.0658

Rectangle

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



49.2683, 26.2010, 30.8176



49.2696, -23.3355, 31.1579



49.2696, -26.0556, -75.7048



49.2696, 22.1807, -79.1287

Sweetspot

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



49.2696, 26.1976, 30.8181



86.7991, 1.8217, 24.5663



37.3750, 66.2711, 6.5830



39.3504, 1.4489, 12.3652

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.2696, 26.1976, 30.8181



62.3828, 34.0931, 39.0369



75.0350, -22.6922, 45.8388



34.9128, -1.2782, 4.3736



38.9147, 19.9931, 24.3291



9.6555, 2.8154, 5.9990

Inverse Universe

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



35.8076, 13.7233, -74.3804



45.1368, 18.4003, -96.1381



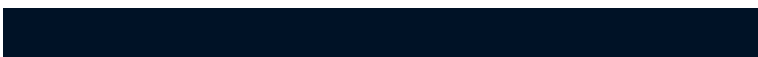
21.2148, 57.3338, -149.1146



34.1927, -2.2796, -0.7675



28.4348, 10.0683, -57.2756



7.5399, 0.2371, -9.9360

Previews

White Background



This preview shows how the HunterLab color 49.2683, 26.2010, 30.8176 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 49.2683, 26.2010, 30.8176 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 49.2683, 26.2010, 30.8176 Background



This preview shows how black text looks on a background with the HunterLab color 49.2683, 26.2010, 30.8176.



This preview shows how white text looks on a background with the HunterLab color 49.2683, 26.2010,

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

49.2683, 26.2010, 30.8176

Protanopia

49.4177, -6.8631, 29.6946

Deuteranopia

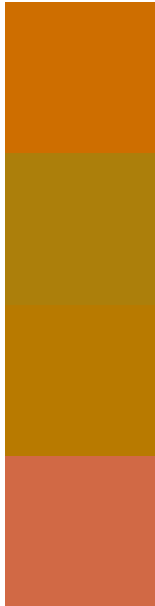
49.3543, 2.7632, 30.4602



Tritanopia

49.3037, 37.1389, 13.6324

Trichromacy



Original Color

49.2683, 26.2010, 30.8176

Protanomaly

48.9628, 4.2273, 29.8613

Deuteranomaly

49.1013, 11.2333, 30.4527

Tritanomaly

49.0797, 32.0212, 24.0017

Monochromacy



Original Color

49.2683, 26.2010, 30.8176

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.8047, 4.3362, 18.4767

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2683, 26.2010, 30.8176 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(206, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(206, 110, 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(206, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 110, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2683, 26.2010, 30.8176 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(206, 110, 0) }
```


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

```
.border{ border-color:rgb(206, 110, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 110, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(206, 110,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2683, 26.2010, 30.8176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 110, 0) }
```

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

```
.background{ background-color: rgb(206,  
110, 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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