

Converting Colors

HunterLab(48.9788, 25.3613,
30.6245)

Have a look what the booklet for
HunterLab(48.9788, 25.3613,
30.6245) contains.

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Color

**HunterLab(48.9788, 25.3613,
30.6245)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6E00
RGB	204, 110, 0
RGB Percent	80%, 43%, 0%
CMY	0.2000, 0.5686, 1.0000
CMYK	0.00, 0.46, 1.00, 0.20
HSL	32°, 100%, 40%
HSV	32°, 100%, 80%
XYZ	30.4778, 23.9892, 3.0240
YIQ	125.5660, 91.3340, -14.2820

Conversions

Conversions Part 2

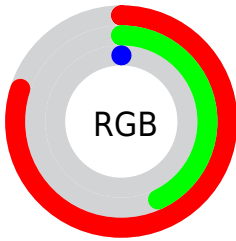
Format	Color
R_{YB}	174, 204, 0
Decimal	13397504
CIE Lab	56.08, 31.55, 63.70
CIE LCh	56, 71.087, 63.652
Yxy	23.9905, 0.5301, 0.4173
Android (android.graphics.Color)	4291587584 (0xFFCC6E00)
YUV	125.5660, -61.9040, 68.7866
Hunter-Lab	48.9788, 25.3613, 30.6245

Details

The HunterLab color **48.9788, 25.3613, 30.6245** 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 **35.1639, 14.1079, -74.4061**, and the grayscale version is **45.7176, -2.4394, 2.4839**.

A 20% lighter version of the original color is **68.9159, 22.2256, 38.4204**, and **30.2938, 23.5648, 19.0794** is the 20% darker color. If you saturate the color by 10%, you get **48.9794, 25.3594, 30.6248**, and if you desaturate by 10%, it is **51.1661, 20.9681, 31.1063**.

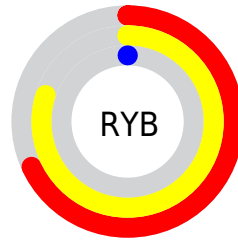
Distribution



Red (80%)

Green (43%)

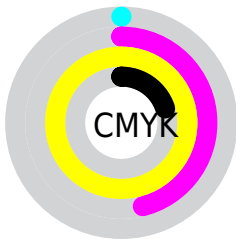
Blue (0%)



Red (68%)

Yellow (80%)

Blue (0%)

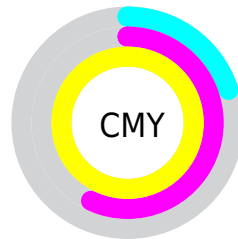


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9788, 25.3613, 30.6245 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 48.9788, 25.3613, 30.6245 by changing the saturation by 10% instead.

48.9788, 25.3613,
30.6245

48.9788, 25.3613,
30.6245

165.1583, 30.8817,
66.5473

39.1492, 24.2825,
25.7277

70.7211, 27.1712,
39.7054

30.0814, 23.0785,
21.0570

82.5493, 27.9303,
43.9421

21.8474, 21.7359,
15.2932

94.9719, 28.6026,
48.0122

14.5422, 20.2589,
10.1795

107.9620, 29.1954,
51.9384

8.2031, 19.3091,
5.7422

121.4955, 29.7148,
55.7400


0.0000, INF, NaN

0.0000, NaN, NaN


135.5516, 30.1660,


59.4332


0.0000, NaN, NaN


 150.1115, 30.5536,
63.0318


0.0000, NaN, NaN


 48.9788, 25.3613,
30.6245


 48.9788, 25.3613,
30.6245

 48.9794, 25.3594,
30.6248

 51.1661, 20.9681,
31.1063

 53.5214, 16.8073,
30.9695

 56.0467, 12.9657,
30.0614

 58.7337, 9.4748,
28.3781

 61.5728, 6.3465,
25.9460

■ 64.5539, 3.5796,
22.8080

■ 67.6670, 1.1641,
19.0143

■ 70.9028, -0.9159,
14.6177

■ 74.2522, -2.6792,
9.6699

Harmonies

Analogous

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



48.9801, 54.4844, 24.2112



48.9788, 25.3613, 30.6245



48.9801, -6.1971, 31.7872

Triad

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



48.9801, 25.3579, 30.6250



48.9801, -47.5327, -0.9181



48.9801, 33.1713, -67.4242

Complementary

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



48.9788, 25.3613, 30.6245



35.1639, 14.1079, -74.4061

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.



48.9801, 1.0709, -88.2822



48.9788, 25.3613, 30.6245



48.9801, -41.6290, -37.9425

Square

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



48.9801, 25.3579, 30.6250



48.9801, -43.9678, 21.1521



48.9801, -25.4484, -75.1440



48.9801, 59.6975, -28.0477

Rectangle

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



48.9788, 25.3613, 30.6245



48.9801, -23.4641, 30.8753



48.9801, -25.4484, -75.1440



48.9801, 22.4334, -77.6305

Sweetspot

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



48.9801, 25.3579, 30.6250



86.9198, 1.6123, 24.6772



36.9694, 65.5550, 6.4871



39.4134, 1.3385, 12.4211

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.9801, 25.3579, 30.6250



62.6858, 33.4099, 39.2116



74.2177, -22.4434, 45.3395



34.9270, -1.3020, 4.3888



39.0997, 19.5821, 24.4358



9.6929, 2.7407, 6.0207

Inverse Universe

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



35.1639, 14.1079, -74.4061



44.7865, 19.1472, -97.3126



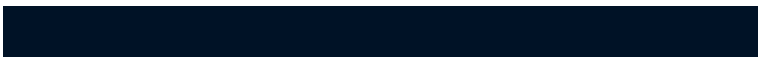
20.9849, 56.7098, -147.4788



34.1783, -2.2559, -0.7851



28.2211, 10.5124, -57.9672



7.4973, 0.3118, -10.0440

Previews

White Background



This preview shows how the HunterLab color 48.9788, 25.3613, 30.6245 looks on a white background.

Color Contrast Check

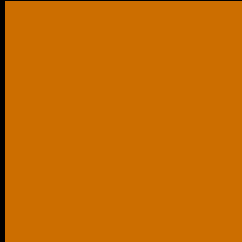
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9788, 25.3613, 30.6245 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 48.9788, 25.3613, 30.6245 Background



This preview shows how black text looks on a background with the HunterLab color 48.9788, 25.3613, 30.6245.



This preview shows how white text looks on a background with the HunterLab color 48.9788, 25.3613,

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

48.9788, 25.3613, 30.6245

Protanopia

49.0345, -6.7648, 29.4552

Deuteranopia

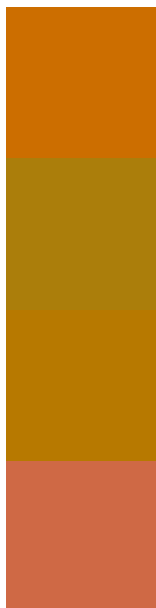
49.0880, 3.2362, 30.3044



Tritanopia

49.0069, 36.3443, 13.3303

Trichromacy



Original Color

48.9788, 25.3613, 30.6245

Protanomaly

48.5837, 4.3165, 29.6263

Deuteranomaly

48.7258, 11.3173, 30.2227

Tritanomaly

48.7834, 31.1980, 23.7635

Monochromacy



Original Color

48.9788, 25.3613, 30.6245

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.6970, 3.9771, 18.3809

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9788, 25.3613, 30.6245 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(204, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 110, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9788, 25.3613, 30.6245 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(204, 110, 0) }
```


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

```
.border{ border-color:rgb(204, 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(204, 110, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 110,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9788, 25.3613, 30.6245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 110, 0) }
```

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

```
.background{ background-color: rgb(204,  
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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