

Converting Colors

HunterLab(64.4307, -4.0433,
39.6311)

Have a look what the booklet for
HunterLab(64.4307, -4.0433,
39.6311) contains.

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Color

**HunterLab(64.4878, -4.1376,
39.6647)**

Conversions

Conversions Part 1

Format	Color
Hex	CCAA00
RGB	204, 170, 0
RGB Percent	80%, 67%, 0%
CMY	0.2000, 0.3333, 0.9999
CMYK	0.00, 0.17, 1.00, 0.20
HSL	50°, 100%, 40%
HSV	50°, 100%, 80%
XYZ	39.2765, 41.5868, 5.9569
YIQ	160.7860, 74.8340, -45.6620

Conversions

Conversions Part 2

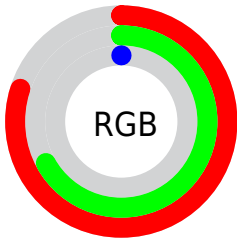
Format	Color
R_{YB}	41, 204, 0
Decimal	13412864
CIE Lab	70.59, -0.79, 73.36
CIE LCh	71, 73.363, 90.619
Yxy	41.5888, 0.4524, 0.4790
Android (android.graphics.Color)	4291602944 (0xFFCCAA00)
YUV	160.7860, -79.2675, 37.8987
Hunter-Lab	64.4878, -4.1376, 39.6647

Details

The HunterLab color **64.4878, -4.1376, 39.6647** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **23.4611, 46.2218, -129.1017**, and the grayscale version is **59.9058, -3.1964, 3.2548**.

A 20% lighter version of the original color is **86.9830, -9.5149, 48.5190**, and **43.5621, -1.8399, 26.8106** is the 20% darker color. If you saturate the color by 10%, you get **64.4886, -4.1394, 39.6651**, and if you desaturate by 10%, it is **65.5225, -5.5499, 39.6610**.

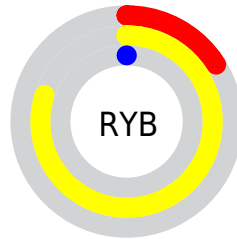
Distribution



Red (80%)

Green (67%)

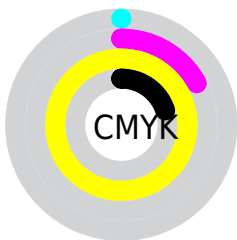
Blue (0%)



Red (16%)

Yellow (80%)

Blue (0%)

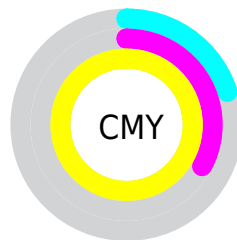


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4878, -4.1376, 39.6647 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 64.4878, -4.1376, 39.6647 by changing the saturation by 10% instead.

64.4878, -4.1376,
39.6647

64.4878, -4.1376,
39.6647

187.8232,
-11.0268, 78.4482

53.6465, -3.5197,
34.5121

88.0777, -5.4768,
49.3228

43.4903, -2.9328,
29.1222

100.7593, -6.1897,
53.8724

34.0708, -2.3817,
23.8495

113.9972, -6.9308,
58.2649

25.4509, -1.8689,
17.8156

127.7687, -7.6991,
62.5192

17.7131, -1.3972,
12.3992

142.0541, -8.4936,
66.6515

10.9725, -0.9699,
7.6807

156.8355, -9.3136,

2.5481, -1.4923,

70.6759

1.7837

172.0967,
-10.1582, 74.6047

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4878, -4.1376,
39.6647

■ 64.4878, -4.1376,
39.6647

■ 64.4886, -4.1394,
39.6651

■ 65.5225, -5.5499,
39.6610

■ 66.6057, -6.7298,
39.0720

■ 67.7507, -7.6123,
37.7243

■ 68.9618, -8.1701,
35.5538

■ 70.2417, -8.3858,

32.5223

■ 71.5922, -8.2488,
28.6104

■ 73.0141, -7.7546,
23.8132

■ 74.5076, -6.9029,
18.1371

■ 76.0722, -5.6975,
11.5974

Harmonies

Analogous

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



64.4894, 31.3611, 37.3600



64.4878, -4.1376, 39.6647



64.4894, -33.1267, 37.1410

Triad

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



64.4894, -4.1404, 39.6652



64.4894, -50.1063, -36.2285



64.4894, 62.9579, -34.4453

Complementary

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



64.4878, -4.1376, 39.6647



23.4611, 46.2218, -129.1017

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.



64.4894, 32.8182, -74.7954



64.4878, -4.1376, 39.6647



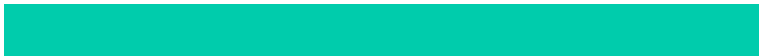
64.4894, -32.1445, -76.1437

Square

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



64.4894, -4.1404, 39.6652



64.4894, -56.1113, 2.8433



64.4894, -2.7455, -92.9618



64.4894, 74.5851, 4.1703

Rectangle

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



64.4878, -4.1376, 39.6647



64.4894, -46.1223, 31.5723



64.4894, -2.7455, -92.9618



64.4894, 54.3881, -48.8353

Sweetspot

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



64.4894, -4.1404, 39.6652



93.8874, -10.0135, 30.9127



35.9905, 61.9536, 20.7672



43.0706, -4.7808, 15.5770

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4894, -4.1404, 39.6652



82.8249, -5.0533, 50.9479



69.5845, -40.3351, 42.1711



35.7296, -2.6337, 5.2444



51.2774, -3.4733, 31.5361



12.0132, -1.3838, 7.3783

Inverse Universe

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



23.4611, 46.2218, -129.1017



29.8518, 60.7467, -168.4468



23.6415, 58.9232, -127.6665



33.3782, -0.9214, -1.7775



18.8592, 35.7716, -100.7929



5.2909, 5.0148, -17.4386

Previews

White Background



This preview shows how the HunterLab color 64.4878, -4.1376, 39.6647 looks on a white background.

Color Contrast Check

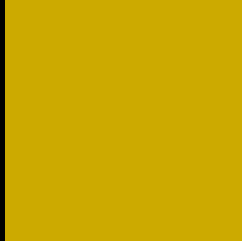
Large Text (above 18pt) WCAG AA × Fail

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 64.4878, -4.1376, 39.6647 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 64.4878, -4.1376, 39.6647 Background



This preview shows how black text looks on a background with the HunterLab color 64.4878, -4.1376, 39.6647.



This preview shows how white text looks on a background with the HunterLab color 64.4878, -4.1376,

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

64.4878, -4.1376, 39.6647

Protanopia

64.4241, -8.8750, 39.3574

Deuteranopia

64.4205, 4.4660, 39.2471



Tritanopia

64.4221, 17.2752, 4.9985

Trichromacy



Original Color

64.4878, -4.1376, 39.6647

Protanomaly

64.4357, -7.3198, 39.4711

Deuteranomaly

64.3760, 1.4060, 39.4012

Tritanomaly

63.7378, 6.6569, 26.1941

Monochromacy



Original Color

64.4878, -4.1376, 39.6647

Achromatopsia

59.6993, -3.1854, 3.2436

Achromatomaly

60.7102, -6.8490, 25.0132

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4878, -4.1376, 39.6647 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, 170, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 170, 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, 170, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 170, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4878, -4.1376, 39.6647 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, 170, 0) }
```


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

```
.border{ border-color:rgb(204, 170, 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, 170, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 170, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 170, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 170,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4878, -4.1376, 39.6647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 170, 0) }
```

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

```
.background{ background-color: rgb(204,  
170, 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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