

Converting Colors

HunterLab(63.5978, -4.1026,
39.1168)

Have a look what the booklet for
HunterLab(63.5978, -4.1026,
39.1168) contains.

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Color

**HunterLab(63.5789, -4.3240,
39.1013)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A800
RGB	201, 168, 0
RGB Percent	79%, 66%, 0%
CMY	0.2118, 0.3412, 0.9999
CMYK	0.00, 0.16, 1.00, 0.21
HSL	50°, 100%, 39%
HSV	50°, 100%, 79%
XYZ	38.0900, 40.4228, 5.7948
YIQ	158.7150, 73.5960, -45.2520

Conversions

Conversions Part 2

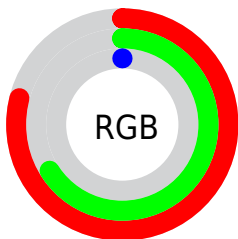
Format	Color
R _Y B	39, 201, 0
Decimal	13215744
CIE Lab	69.77, -1.07, 72.65
CIE LCh	70, 72.656, 90.841
Yxy	40.4247, 0.4518, 0.4795
Android (android.graphics.Color)	4291405824 (0xFFC9A800)
YUV	158.7150, -78.2465, 37.0839
Hunter-Lab	63.5789, -4.3240, 39.1013

Details

The HunterLab color **63.5789, -4.3240, 39.1013** 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 **23.0335, 45.6101, -127.2463**, and the grayscale version is **59.0551, -3.1510, 3.2086**.

A 20% lighter version of the original color is **86.3546, -8.5613, 48.2408**, and **42.9806, -2.4691, 26.4413** is the 20% darker color. If you saturate the color by 10%, you get **63.5796, -4.3256, 39.1017**, and if you desaturate by 10%, it is **64.5829, -5.6842, 39.0836**.

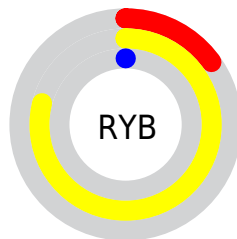
Distribution



Red (79%)

Green (66%)

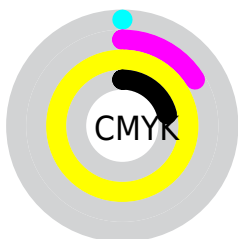
Blue (0%)



Red (15%)

Yellow (79%)

Blue (0%)

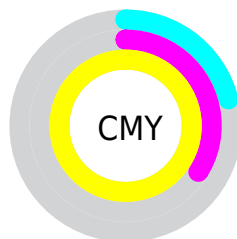


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (34%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.5789, -4.3240, 39.1013 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 63.5789, -4.3240, 39.1013 by changing the saturation by 10% instead.

■ 63.5789, -4.3240,
39.1013

■ 63.5789, -4.3240,
39.1013

186.5236,
-11.2970, 77.6492

■ 52.7919, -3.6943,
33.9732

■ 87.0689, -5.6847,
48.7077

■ 42.6938, -3.0947,
28.6075

■ 99.7040, -6.4076,
53.2308

■ 33.3369, -2.5300,
23.3358

■ 112.8973, -7.1582,
57.5966

■ 24.7855, -2.0021,
17.3499

■ 126.6262, -7.9357,
61.8242

■ 17.1242, -1.5133,
11.9869

■ 140.8704, -8.7390,
65.9301

■ 10.4715, -1.0661,
7.3301

■ 155.6119, -9.5675,

0.0000, NaN, NaN

69.9283

0.0000, NaN, NaN

170.8346,
-10.4204, 73.8312

0.0000, NaN, NaN

■ 63.5789, -4.3240,
39.1013

■ 63.5789, -4.3240,
39.1013

■ 63.5796, -4.3256,
39.1017

■ 64.5829, -5.6842,
39.0836

■ 65.6341, -6.8172,
38.4932

■ 66.7456, -7.6584,
37.1577

■ 67.9217, -8.1810,
35.0142

■ 69.1652, -8.3677,
32.0248

■ 70.4776, -8.2083,
28.1702

■ 71.8600, -7.6979,
23.4449

■ 73.3125, -6.8364,
17.8548

■ 74.8347, -5.6271,
11.4147

Harmonies

Analogous

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



63.5804, 30.6525, 36.8668



63.5789, -4.3240, 39.1013



63.5804, -32.8250, 36.5736

Triad

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



63.5804, -4.3268, 39.1018



63.5804, -49.3046, -36.0218



63.5804, 62.2182, -33.6352

Complementary

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



63.5789, -4.3240, 39.1013



23.0335, 45.6101, -127.2463

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.



63.5804, 32.6029, -73.4750



63.5789, -4.3240, 39.1013



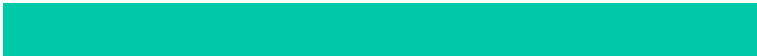
63.5804, -31.5102, -75.2795

Square

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



63.5804, -4.3268, 39.1018



63.5804, -55.3090, 2.5664



63.5804, -2.4596, -91.6141



63.5804, 73.5086, 4.3425

Rectangle

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



63.5789, -4.3240, 39.1013



63.5804, -45.5761, 31.0371



63.5804, -2.4596, -91.6141



63.5804, 53.8134, -47.8204

Sweetspot

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



63.5804, -4.3268, 39.1018



93.9478, -10.1106, 30.9654



35.3984, 60.9366, 20.4055



43.1024, -4.8319, 15.6037

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.5804, -4.3268, 39.1018



83.0170, -5.3707, 51.0607



68.4410, -39.6543, 41.4784



34.7981, -2.5734, 5.1041



50.5285, -3.6161, 31.0721



11.3584, -1.3749, 6.9749

Inverse Universe

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



23.0335, 45.6101, -127.2463



29.7760, 61.0313, -168.9666



23.2617, 57.9603, -125.4943



32.5025, -0.8894, -1.7272



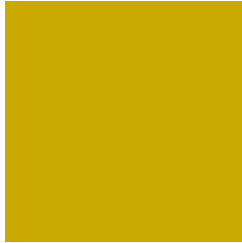
18.5090, 35.2706, -99.2739



5.0276, 4.6037, -16.2222

Previews

White Background



This preview shows how the HunterLab color 63.5789, -4.3240, 39.1013 looks on a white background.

Color Contrast Check

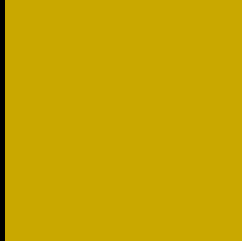
Large Text (above 18pt) WCAG AA × Fail

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 63.5789, -4.3240, 39.1013 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 63.5789, -4.3240, 39.1013 Background



This preview shows how black text looks on a background with the HunterLab color 63.5789, -4.3240, 39.1013.

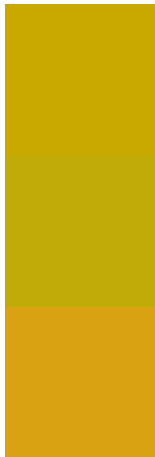


This preview shows how white text looks on a background with the HunterLab color 63.5789, -4.3240, 39.1013.

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

63.5789, -4.3240, 39.1013

Protanopia

63.6228, -8.6731, 38.8649

Deuteranopia

63.6265, 4.6541, 38.7545



Tritanopia

63.4868, 16.9238, 4.8197

Trichromacy



Original Color

63.5789, -4.3240, 39.1013

Protanomaly

63.6349, -7.1203, 38.9798

Deuteranomaly

63.5798, 1.5960, 38.9103

Tritanomaly

62.8240, 6.4273, 25.6969

Monochromacy



Original Color

63.5789, -4.3240, 39.1013

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

59.8155, -7.0203, 24.5314

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.5789, -4.3240, 39.1013 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(201, 168, 0)` looks like.

```
.text, #text, p{  
    color:rgb(201, 168, 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(201, 168, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 168, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 63.5789, -4.3240, 39.1013 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(201, 168, 0) }
```


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

```
.border{ border-color:rgb(201, 168, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 168, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 168, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 168, 0);  
box-shadow:4px 4px 4px 4px rgb(201, 168,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.5789, -4.3240, 39.1013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 168, 0) }
```

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

```
.background{ background-color: rgb(201,  
168, 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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