

Converting Colors

HunterLab(63.3692, -1.8881,
33.6105)

Have a look what the booklet for
HunterLab(63.3692, -1.8881,
33.6105) contains.

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Color

**HunterLab(63.2408, -1.8309,
33.5043)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A646
RGB	200, 166, 70
RGB Percent	78%, 65%, 27%
CMY	0.2157, 0.3490, 0.7255
CMYK	0.00, 0.17, 0.65, 0.22
HSL	44°, 54%, 53%
HSV	44°, 65%, 78%
XYZ	38.5611, 39.9940, 11.4815
YIQ	165.2220, 51.0800, -22.6480

Conversions

Conversions Part 2

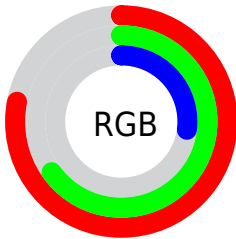
Format	Color
RYB	116, 200, 70
Decimal	13149766
CIELab	69.47, 1.76, 52.87
CIELCh	69, 52.895, 88.094
Yxy	39.9959, 0.4283, 0.4442
Android (android.graphics.Color)	4291339846 (0xFFC8A646)
YUV	165.2220, -46.9444, 30.5003
Hunter-Lab	63.2408, -1.8309, 33.5043

Details

The HunterLab color **63.2408, -1.8309, 33.5043** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **39.2075, 12.8859, -58.2471**, and the grayscale version is **61.6048, -3.2871, 3.3471**.

A 20% lighter version of the original color is **86.2427, -4.7818, 40.4005**, and **42.3123, -0.5679, 25.5292** is the 20% darker color. If you saturate the color by 10%, you get **61.5800, -0.2222, 35.0357**, and if you desaturate by 10%, it is **64.9864, -3.1093, 31.1644**.

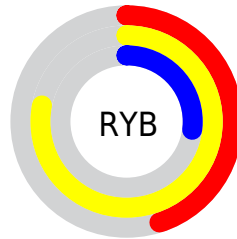
Distribution



Red (78%)

Green (65%)

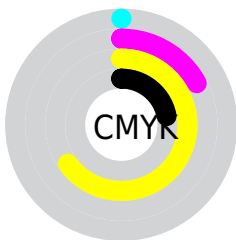
Blue (27%)



Red (45%)

Yellow (78%)

Blue (27%)

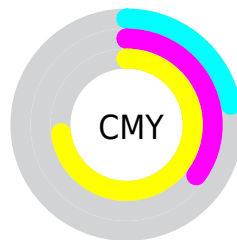


Cyan (0%)

Magenta (17%)

Yellow (65%)

Black (22%)



Cyan (22%)

Magenta (35%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.2408, -1.8309, 33.5043 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 63.2408, -1.8309, 33.5043 by changing the saturation by 10% instead.

■ 63.2408, -1.8309,
33.5043

■ 63.2408, -1.8309,
33.5043

186.0393, -7.7292,
62.7270

■ 52.4741, -1.3506,
29.6430

■ 86.6933, -2.9164,
40.7161

■ 42.3978, -0.9110,
25.5658

■ 99.3111, -3.5116,
44.1183

■ 33.0644, -0.5187,
21.2362

■ 112.4878, -4.1398,
47.4124

■ 24.5387, -0.1796,
17.1771

■ 126.2006, -4.7997,
50.6142

■ 16.9061, 0.0985,
11.8343

■ 140.4294, -5.4897,
53.7366

■ 10.2866, 0.3031,
7.2006

155.1561, -6.2087,

0.0000, NaN, NaN

56.7904

0.0000, NaN, NaN

170.3643, -6.9555,
59.7847

0.0000, NaN, NaN

■ 63.2408, -1.8309,
33.5043

■ 63.2408, -1.8309,
33.5043

■ 61.5800, -0.2222,
35.0357

■ 64.9864, -3.1093,
31.1644

■ 59.9981, 1.7081,
35.7865

■ 66.8121, -4.0415,
28.0069

■ 58.4933, 3.9274,
35.8209

■ 68.7185, -4.6289,
24.0408

■ 57.7625, 5.1031,
35.6823

■ 70.7038, -4.8754,
19.2850

■ 72.7662, -4.7883,
13.7663

■ 74.9031, -4.3778,
7.5165

■ 77.1122, -3.6559,
0.5703

■ 79.3907, -2.6359,
-7.0357

■ 81.7361, -1.3318,
-15.2647

Harmonies

Analogous

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



63.2423, 22.9502, 30.5479



63.2408, -1.8309, 33.5043



63.2423, -23.7047, 31.2426

Triad

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



63.2423, -1.8336, 33.5049



63.2423, -39.2040, -20.9596



63.2423, 40.8346, -24.4820

Complementary

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



63.2408, -1.8309, 33.5043



39.2075, 12.8859, -58.2471

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.



63.2423, 19.8924, -48.9220



63.2408, -1.8309, 33.5043



63.2423, -25.9984, -46.4103

Square

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



63.2423, -1.8336, 33.5049



63.2423, -43.2588, 4.8871



63.2423, -4.9074, -58.1495



63.2423, 49.7610, 1.9629

Rectangle

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



63.2408, -1.8309, 33.5043



63.2423, -34.2307, 26.3300



63.2423, -4.9074, -58.1495



63.2423, 34.8267, -33.5259

Sweetspot

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



63.2423, -1.8336, 33.5049



94.5749, -6.4025, 21.3376



42.0393, 47.6229, 8.0152



43.3914, -2.9733, 10.8371

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.2423, -1.8336, 33.5049



80.1577, 0.7050, 46.6283



70.8939, -27.7181, 38.3530



34.5390, -2.1467, 4.8297



46.2243, 3.7727, 28.5492



10.6053, -0.1352, 6.5326

Inverse Universe

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



39.2075, 12.8859, -58.2471



43.3733, 27.2331, -102.1227



33.5846, 36.4084, -75.1348



32.7582, -1.3193, -1.4074



20.8707, 27.4585, -85.3615



5.7289, 2.9111, -13.4448

Previews

White Background



This preview shows how the HunterLab color 63.2408, -1.8309, 33.5043 looks on a white background.

Color Contrast Check

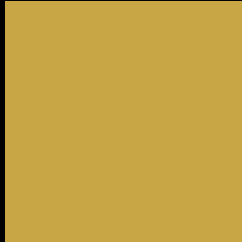
Large Text (above 18pt) WCAG AA × Fail

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 63.2408, -1.8309, 33.5043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

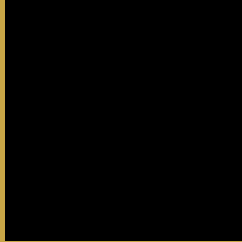
Any Text WCAG AA ✓ Pass

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 63.2408, -1.8309, 33.5043 Background



This preview shows how black text looks on a background with the HunterLab color 63.2408, -1.8309, 33.5043.



This preview shows how white text looks on a background with the HunterLab color 63.2408, -1.8309,

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

63.2408, -1.8309, 33.5043

Protanopia

63.2639, -7.7313, 33.2608

Deuteranopia

63.0821, 4.9034, 33.3539



Tritanopia

63.2566, 16.1956, 4.5392

Trichromacy



Original Color

63.2408, -1.8309, 33.5043

Protanomaly

63.3785, -5.8105, 33.3751

Deuteranomaly

63.1781, 2.3580, 33.3770

Tritanomaly

63.0767, 8.2235, 18.4922

Monochromacy



Original Color

63.2408, -1.8309, 33.5043

Achromatopsia

61.3402, -3.2730, 3.3327

Achromatomaly

61.6336, -4.0477, 17.5914

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.2408, -1.8309, 33.5043 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(200, 166, 70)` looks like.

```
.text, #text, p{  
    color:rgb(200, 166, 70)  
}
```

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(200, 166, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 166, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 63.2408, -1.8309, 33.5043 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(200, 166, 70) }
```


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

```
.border{ border-color:rgb(200, 166, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 166, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 166, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 166, 70);  
box-shadow:4px 4px 4px 4px rgb(200, 166,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.2408, -1.8309, 33.5043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 166, 70) }
```

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

```
.background{ background-color: rgb(200,  
166, 70) }
```

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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