

Converting Colors

HunterLab(63.1235, -5.8383,
38.7942)

Have a look what the booklet for
HunterLab(63.1235, -5.8383,
38.7942) contains.

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Color

**HunterLab(63.1471, -5.8375,
38.8088)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A800
RGB	197, 168, 0
RGB Percent	77%, 66%, 0%
CMY	0.2275, 0.3412, 0.9999
CMYK	0.00, 0.15, 1.00, 0.23
HSL	51°, 100%, 39%
HSV	51°, 100%, 77%
XYZ	37.0286, 39.8756, 5.7451
YIQ	157.5190, 71.2120, -46.1000

Conversions

Conversions Part 2

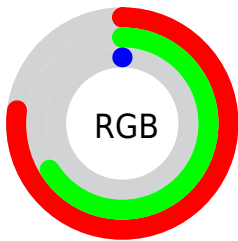
Format	Color
R_YB	34, 197, 0
Decimal	12953600
CIE Lab	69.38, -2.85, 72.19
CIE LCh	69, 72.249, 92.258
Yxy	39.8775, 0.4480, 0.4825
Android (android.graphics.Color)	4291143680 (0xFFC5A800)
YUV	157.5190, -77.6569, 34.6248
Hunter-Lab	63.1471, -5.8375, 38.8088

Details

The HunterLab color **63.1471, -5.8375, 38.8088** 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 **22.1595, 45.9438, -126.8745**, and the grayscale version is **58.5650, -3.1249, 3.1820**.

A 20% lighter version of the original color is **86.3546, -8.5613, 48.2408**, and **42.5745, -3.8905, 26.1661** is the 20% darker color. If you saturate the color by 10%, you get **63.1480, -5.8393, 38.8093**, and if you desaturate by 10%, it is **64.0388, -6.9992, 38.7374**.

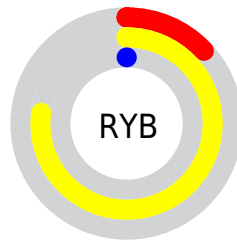
Distribution



Red (77%)

Green (66%)

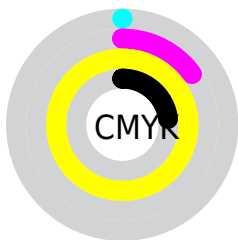
Blue (0%)



Red (13%)

Yellow (77%)

Blue (0%)

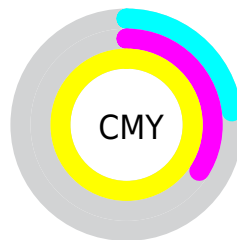


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (34%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.1471, -5.8375, 38.8088 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 63.1471, -5.8375, 38.8088 by changing the saturation by 10% instead.

63.1471, -5.8375,
38.8088

63.1471, -5.8375,
38.8088

185.9051,
-13.4797, 77.1893

52.3861, -5.1140,
33.6994

86.5892, -7.3700,
48.3767

42.3158, -4.4141,
28.3526

99.2022, -8.1725,
52.8805

32.9889, -3.7408,
23.0922

112.3742, -8.9994,
57.2273

24.4704, -3.0935,
17.1293

126.0826, -9.8500,
61.4361

16.8457, -2.4707,
11.7920

140.3072,
-10.7239, 65.5234

10.2354, -1.8674,
7.1648

155.0297,

0.0000, NaN, NaN

-11.6204, 69.5036

0.0000, NaN, NaN

170.2339,
-12.5392, 73.3887

0.0000, NaN, NaN

■ 63.1471, -5.8375,
38.8088

■ 63.1471, -5.8375,
38.8088

■ 63.1480, -5.8393,
38.8093

■ 64.0388, -6.9992,
38.7374

■ 64.9739, -7.9427,
38.1130

■ 65.9657, -8.6037,
36.7642

■ 67.0185, -8.9556,
34.6270

■ 68.1354, -8.9807,
31.6612

■ 69.3182, -8.6678,
27.8447

■ 70.5681, -8.0114,
23.1690

■ 71.8856, -7.0101,
17.6365

■ 73.2707, -5.6664,
11.2588

Harmonies

Analogous

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



63.1486, 28.7641, 36.8269



63.1471, -5.8375, 38.8088



63.1486, -33.6452, 36.0440

Triad

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



63.1486, -5.8402, 38.8093



63.1486, -48.3636, -37.7246



63.1486, 62.7377, -31.3717

Complementary

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



63.1471, -5.8375, 38.8088



22.1595, 45.9438, -126.8745

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.



63.1486, 33.9572, -71.3027



63.1471, -5.8375, 38.8088



63.1486, -30.1418, -76.1040

Square

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



63.1486, -5.8402, 38.8093



63.1486, -54.8628, 1.0259



63.1486, -0.8670, -90.7609



63.1486, 72.8529, 5.7573

Rectangle

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



63.1471, -5.8375, 38.8088



63.1486, -45.9243, 30.2458



63.1486, -0.8670, -90.7609



63.1486, 54.6709, -45.4456

Sweetspot

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



63.1486, -5.8402, 38.8093



94.3608, -10.7730, 31.3253



34.5862, 59.4922, 20.2977



43.3200, -5.1799, 15.7864

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.1486, -5.8402, 38.8093



84.3367, -7.5321, 51.8360



66.7276, -39.5270, 40.4249



34.8434, -2.6477, 5.1519



51.3076, -4.8872, 31.5300



11.4932, -1.5887, 7.0543

Inverse Universe

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



22.1595, 45.9438, -126.8745



29.2858, 62.9009, -172.3896



23.0113, 56.9219, -120.9253



32.4580, -0.8144, -1.7830



18.1815, 36.4729, -101.4599



4.8951, 4.9588, -16.8231

Previews

White Background



This preview shows how the HunterLab color 63.1471, -5.8375, 38.8088 looks on a white background.

Color Contrast Check

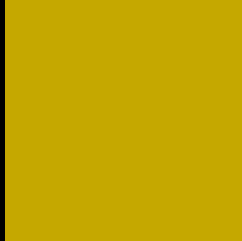
Large Text (above 18pt) WCAG AA × Fail

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 63.1471, -5.8375, 38.8088 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 63.1471, -5.8375, 38.8088 Background



This preview shows how black text looks on a background with the HunterLab color 63.1471, -5.8375, 38.8088.

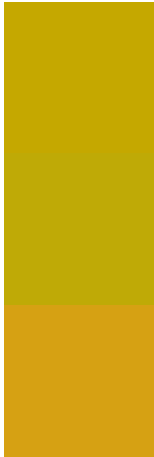


This preview shows how white text looks on a background with the HunterLab color 63.1471, -5.8375,

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

63.1471, -5.8375, 38.8088

Protanopia

63.1181, -8.9489, 38.5746

Deuteranopia

63.1133, 4.3615, 38.3877



Tritanopia

63.0285, 15.4715, 4.2603

Trichromacy



Original Color

63.1471, -5.8375, 38.8088

Protanomaly

63.0255, -7.7633, 38.5921

Deuteranomaly

63.2356, 0.4261, 38.6468

Tritanomaly

62.3696, 4.9121, 25.2947

Monochromacy



Original Color

63.1471, -5.8375, 38.8088

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

59.6246, -7.6977, 24.3628

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.1471, -5.8375, 38.8088 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(197, 168, 0)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 168, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 168, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 63.1471, -5.8375, 38.8088 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(197, 168, 0) }
```


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

```
.border{ border-color:rgb(197, 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(197, 168, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 168, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 168, 0);  
box-shadow:4px 4px 4px 4px rgb(197, 168,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.1471, -5.8375, 38.8088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 168, 0) }
```

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

```
.background{ background-color: rgb(197,  
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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