

Converting Colors

HunterLab(63.1993, -8.2971,
40.9768)

Have a look what the booklet for
HunterLab(63.1993, -8.2971,
40.9768) contains.

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Color

**HunterLab(63.4183, -7.9016,
38.9397)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AA00
RGB	194, 170, 0
RGB Percent	76%, 67%, 0%
CMY	0.2392, 0.3333, 0.9999
CMYK	0.00, 0.12, 1.00, 0.24
HSL	53°, 100%, 38%
HSV	53°, 100%, 76%
XYZ	36.6229, 40.2188, 5.8328
YIQ	157.7960, 68.8740, -47.7820

Conversions

Conversions Part 2

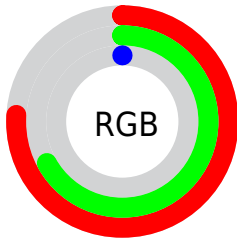
Format	Color
R _Y B	27, 194, 0
Decimal	12757504
CIE Lab	69.63, -5.24, 72.23
CIE LCh	70, 72.424, 94.148
Yxy	40.2207, 0.4430, 0.4865
Android (android.graphics.Color)	4290947584 (0xFFC2AA00)
YUV	157.7960, -77.7934, 31.7509
Hunter-Lab	63.4183, -7.9016, 38.9397

Details

The HunterLab color **63.4183, -7.9016, 38.9397** 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 **21.3281, 46.9092, -127.9188**, and the grayscale version is **58.6795, -3.1310, 3.1882**.

A 20% lighter version of the original color is **86.8742, -9.8997, 48.4390**, and **42.6510, -5.0332, 26.1933** is the 20% darker color. If you saturate the color by 10%, you get **63.4192, -7.9034, 38.9402**, and if you desaturate by 10%, it is **64.1694, -8.8205, 38.7998**.

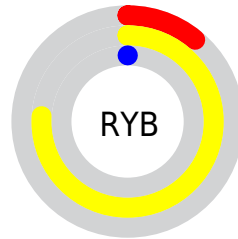
Distribution



Red (76%)

Green (67%)

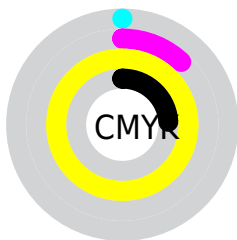
Blue (0%)



Red (11%)

Yellow (76%)

Blue (0%)

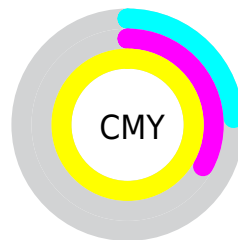


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.4183, -7.9016, 38.9397 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 63.4183, -7.9016, 38.9397 by changing the saturation by 10% instead.

63.4183, -7.9016,
38.9397

63.4183, -7.9016,
38.9397

186.2936,
-16.4664, 77.3097

52.6410, -7.0486,
33.8335

86.8905, -9.6712,
48.5026

42.5531, -6.2100,
28.4889

99.5174, -10.5836,
53.0047

33.2074, -5.3863,
23.2452

112.7028,
-11.5156, 57.3501

24.6682, -4.5737,
17.2678

126.4240,
-12.4671, 61.5580

17.0205, -3.7647,
11.9143

140.6609,
-13.4381, 65.6446

10.3836, -2.9441,
7.2685

155.3954,

0.0000, NaN, NaN

-14.4284, 69.6243

0.0000, NaN, NaN

170.6112,
-15.4379, 73.5092

0.0000, NaN, NaN

■ 63.4183, -7.9016,
38.9397

■ 63.4183, -7.9016,
38.9397

■ 63.4192, -7.9034,
38.9402

■ 64.1694, -8.8205,
38.7998

■ 64.9603, -9.5292,
38.1240

■ 65.8042, -9.9638,
36.7409

■ 66.7058, -10.0971,
34.5843

■ 67.6683, -9.9105,
31.6107

■ 68.6940, -9.3918,
27.7934

■ 69.7844, -8.5339,
23.1195

■ 70.9404, -7.3344,
17.5872

■ 72.1623, -5.7941,
11.2037

Harmonies

Analogous

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



63.4198, 26.6633, 37.2606



63.4183, -7.9016, 38.9397



63.4198, -35.1702, 35.8129

Triad

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



63.4198, -7.9042, 38.9402



63.4198, -47.7558, -40.5398



63.4198, 64.2736, -28.8431

Complementary

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



63.4183, -7.9016, 38.9397



21.3281, 46.9092, -127.9188

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.



63.4198, 36.2284, -69.3996



63.4183, -7.9016, 38.9397



63.4198, -28.7113, -78.2345

Square

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



63.4198, -7.9042, 38.9402



63.4198, -55.0050, -1.0627



63.4198, 1.2596, -90.8455



63.4198, 72.9591, 7.6576

Rectangle

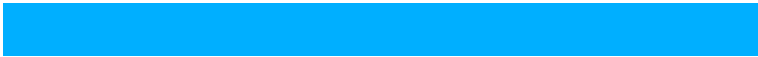
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.4183, -7.9016, 38.9397



63.4198, -46.9947, 29.5742



63.4198, 1.2596, -90.8455



63.4198, 56.5514, -42.9500

Sweetspot

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



63.4198, -7.9042, 38.9402



93.8578, -11.5534, 31.4509



33.9760, 58.4000, 20.2649



43.6224, -5.6608, 16.0393

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.4198, -7.9042, 38.9402



85.2120, -10.3972, 52.3252



65.4102, -39.5806, 39.6121



33.9688, -2.6740, 5.0678



51.5028, -6.5347, 31.6214



10.9863, -1.7989, 6.7382

Inverse Universe

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



21.3281, 46.9092, -127.9188



28.3702, 64.4734, -174.6397



22.8920, 56.2132, -117.0991



31.5346, -0.6952, -1.7980



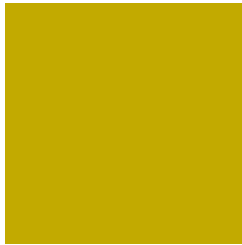
17.4833, 37.2999, -102.3724



4.4683, 5.0087, -16.3973

Previews

White Background



This preview shows how the HunterLab color 63.4183, -7.9016, 38.9397 looks on a white background.

Color Contrast Check

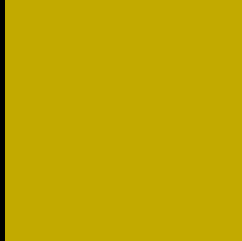
Large Text (above 18pt) WCAG AA × Fail

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 63.4183, -7.9016, 38.9397 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 63.4183, -7.9016, 38.9397 Background



This preview shows how black text looks on a background with the HunterLab color 63.4183, -7.9016, 38.9397.

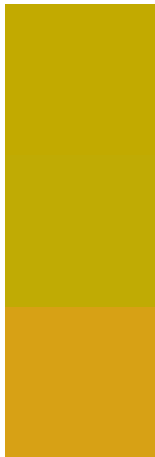


This preview shows how white text looks on a background with the HunterLab color 63.4183, -7.9016,

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

63.4183, -7.9016, 38.9397

Protanopia

63.5146, -9.0691, 38.8714

Deuteranopia

63.2384, 4.7921, 38.3859



Tritanopia

63.3982, 14.0189, 3.7453

Trichromacy



Original Color

63.4183, -7.9016, 38.9397

Protanomaly

63.6159, -8.7114, 38.9670

Deuteranomaly

63.1232, 0.0456, 38.5394

Tritanomaly

62.6121, 2.8864, 25.1972

Monochromacy



Original Color

63.4183, -7.9016, 38.9397

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

59.5300, -8.0342, 24.2791

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4183, -7.9016, 38.9397 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(194, 170, 0)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 170, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 170, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4183, -7.9016, 38.9397 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(194, 170, 0) }
```


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

```
.border{ border-color:rgb(194, 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(194, 170, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 170, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 170, 0);  
box-shadow:4px 4px 4px 4px rgb(194, 170,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4183, -7.9016, 38.9397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 170, 0) }
```

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

```
.background{ background-color: rgb(194,  
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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