

Converting Colors

HunterLab(58.9768, -2.5462,
30.9561)

Have a look what the booklet for
HunterLab(58.9768, -2.5462,
30.9561) contains.

HunterLab(58.8399, -2.4001, 30.8640)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(58.8399, -2.4001,
30.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9C43
RGB	186, 156, 67
RGB Percent	73%, 61%, 26%
CMY	0.2706, 0.3882, 0.7372
CMYK	0.00, 0.16, 0.64, 0.27
HSL	45°, 47%, 50%
HSV	45°, 64%, 73%
XYZ	33.1513, 34.6213, 10.2456
YIQ	154.8240, 46.4490, -21.3190

Conversions

Conversions Part 2

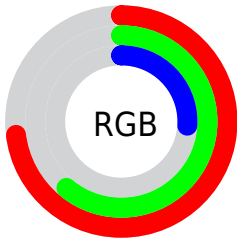
Format	Color
RYB	107, 186, 67
Decimal	12229699
CIELab	65.45, 0.87, 49.47
CIElCh	65, 49.476, 88.997
Yxy	34.6230, 0.4249, 0.4438
Android (android.graphics.Color)	4290419779 (0xFFBA9C43)
YUV	154.8240, -43.2972, 27.3414
Hunter-Lab	58.8399, -2.4001, 30.8640

Details

The HunterLab color **58.8399, -2.4001, 30.8640** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **36.4519, 11.8767, -52.8894**, and the grayscale version is **57.3386, -3.0594, 3.1153**.

A 20% lighter version of the original color is **81.7542, -3.2630, 37.6623**, and **38.5688, -1.2032, 23.2102** is the 20% darker color. If you saturate the color by 10%, you get **57.3508, -1.0491, 32.3848**, and if you desaturate by 10%, it is **60.4047, -3.4489, 28.6012**.

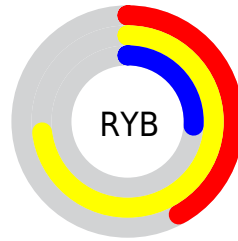
Distribution



Red (73%)

Green (61%)

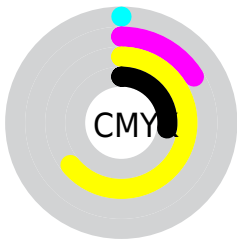
Blue (26%)



Red (42%)

Yellow (73%)

Blue (26%)

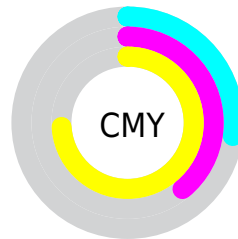


Cyan (0%)

Magenta (16%)

Yellow (64%)

Black (27%)



Cyan (27%)

Magenta (39%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.8399, -2.4001, 30.8640 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 58.8399, -2.4001, 30.8640 by changing the saturation by 10% instead.

■ 58.8399, -2.4001,
30.8640

■ 58.8399, -2.4001,
30.8640

179.6945, -8.5251,
58.8168

■ 48.3452, -1.8886,
27.1520

■ 81.7932, -3.5429,
37.7759

■ 38.5602, -1.4160,
23.2202

■ 94.1796, -4.1649,
41.0307

■ 29.5422, -0.9887,
19.0435

■ 107.1350, -4.8190,
44.1800

■ 21.3631, -0.6117,
14.9542

■ 120.6352, -5.5037,
47.2399

■ 14.1198, -0.2923,
9.8839

■ 134.6593, -6.2178,
50.2236

■ 7.7705, 0.0704,
5.4393

149.1882, -6.9601,

0.0000, NaN, NaN

53.1419

0.0000, NaN, NaN

164.2051, -7.7295,
56.0038

0.0000, NaN, NaN

■ 58.8399, -2.4001,
30.8640

■ 58.8399, -2.4001,
30.8640

■ 57.3508, -1.0491,
32.3848

■ 60.4047, -3.4489,
28.6012

■ 55.9320, 0.5968,
33.1874

■ 62.0410, -4.1817,
25.5885

■ 54.5819, 2.5101,
33.3264

■ 63.7495, -4.5998,
21.8337

■ 53.7941, 3.7446,
33.2132

■ 65.5287, -4.7066,
17.3535

■ 67.3771, -4.5087,
12.1716

■ 69.2927, -4.0151,
6.3162

■ 71.2733, -3.2364,
-0.1817

■ 73.3166, -2.1845,
-7.2895

■ 75.4204, -0.8720,
-14.9737

Harmonies

Analogous

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



58.8413, 20.2112, 28.2693



58.8399, -2.4001, 30.8640



58.8413, -22.2359, 28.6085

Triad

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



58.8413, -2.4025, 30.8645



58.8413, -35.6929, -19.7721



58.8413, 37.5769, -21.4551

Complementary

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



58.8399, -2.4001, 30.8640



36.4519, 11.8767, -52.8894

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.



58.8413, 18.7456, -43.8423



58.8399, -2.4001, 30.8640



58.8413, -23.3411, -42.6459

Square

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



58.8413, -2.4025, 30.8645



58.8413, -39.6735, 3.9010



58.8413, -3.8794, -52.7372



58.8413, 45.2787, 2.4961

Rectangle

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



58.8399, -2.4001, 30.8640



58.8413, -31.7257, 23.9238



58.8413, -3.8794, -52.7372



58.8413, 32.2145, -29.6944

Sweetspot

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



58.8413, -2.4025, 30.8645



89.3713, -6.2628, 20.2260



39.1784, 43.0453, 7.1314



41.6057, -2.9652, 10.4113



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



58.8413, -2.4025, 30.8645



76.3798, -0.5068, 44.1798



65.4337, -25.2543, 35.0658



31.7956, -2.0102, 4.4400



44.2638, 2.8211, 27.3245



8.8497, -0.3986, 5.4461

Inverse Universe

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



36.4519, 11.8767, -52.8894



41.1173, 25.7384, -95.6291



31.5917, 32.6633, -67.1448



30.1290, -1.1814, -1.2904



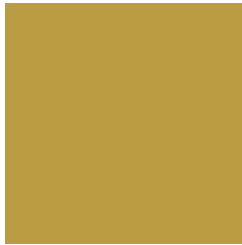
19.6210, 26.5711, -81.8840



4.8741, 1.9789, -10.3641

Previews

White Background



This preview shows how the HunterLab color 58.8399, -2.4001, 30.8640 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 58.8399, -2.4001, 30.8640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

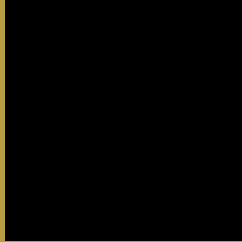
Any Text WCAG AA ✓ Pass

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 58.8399, -2.4001, 30.8640 Background



This preview shows how black text looks on a background with the HunterLab color 58.8399, -2.4001, 30.8640.



This preview shows how white text looks on a background with the HunterLab color 58.8399, -2.4001,

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

58.8399, -2.4001, 30.8640

Protanopia

58.7884, -7.0142, 30.5868

Deuteranopia

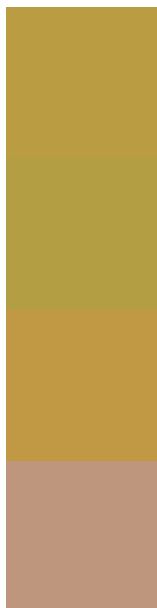
58.6693, 4.2290, 30.6991



Tritanopia

58.8842, 13.9563, 3.9578

Trichromacy



Original Color

58.8399, -2.4001, 30.8640

Protanomaly

58.8000, -5.4758, 30.6220

Deuteranomaly

58.7684, 1.7218, 30.7256

Tritanomaly

58.5154, 6.9371, 16.5195

Monochromacy



Original Color

58.8399, -2.4001, 30.8640

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

57.4280, -4.0740, 15.9691

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.8399, -2.4001, 30.8640 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(186, 156, 67)` looks like.

```
.text, #text, p{  
    color:rgb(186, 156, 67)  
}
```

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(186, 156, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 156, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 58.8399, -2.4001, 30.8640 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(186, 156, 67) }
```


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

```
.border{ border-color:rgb(186, 156, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 156, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 156, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 156, 67);  
box-shadow:4px 4px 4px 4px rgb(186, 156,  
67) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.8399, -2.4001, 30.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 156, 67) }
```

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

```
.background{ background-color: rgb(186,  
156, 67) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor