

Converting Colors

HunterLab(34.0889, 57.3223,
-0.8076)

Have a look what the booklet for
HunterLab(34.0889, 57.3223,
-0.8076) contains.

HunterLab(34.0633, 57.2220, -0.8045)	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(34.0633, 57.2220,
-0.8045)**

Conversions

Conversions Part 1	
Format	Color
Hex	B71568
RGB	183, 21, 104
RGB Percent	72%, 8%, 41%
CMY	0.2824, 0.9176, 0.5922
CMYK	0.00, 0.89, 0.43, 0.28
HSL	329°, 79%, 40%
HSV	329°, 89%, 72%
XYZ	22.2953, 11.6031, 14.1612
YIQ	78.9000, 69.9090, 60.1570

Conversions

Conversions Part 2

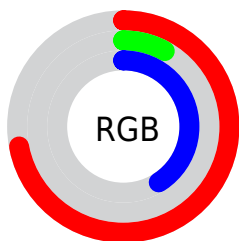
Format	Color
RYB	183, 21, 104
Decimal	11998568
CIELab	40.58, 64.49, -3.78
CIELCh	41, 64.599, 356.644
Yxy	11.6038, 0.4639, 0.2414
Android (android.graphics.Color)	4290188648 (0xFFB71568)
YUV	78.9000, 12.3743, 91.2957
Hunter-Lab	34.0633, 57.2220, -0.8045

Details

The HunterLab color **34.0633, 57.2220, -0.8045** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **59.1160, -44.4394, 23.5524**, and the grayscale version is **27.8686, -1.4870, 1.5142**.

A 20% lighter version of the original color is **53.7699, 61.5330, 0.0160**, and **21.4021, 38.0320, 3.1302** is the 20% darker color. If you saturate the color by 10%, you get **33.0966, 58.7212, 1.9951**, and if you desaturate by 10%, it is **35.6789, 53.8347, -2.9971**.

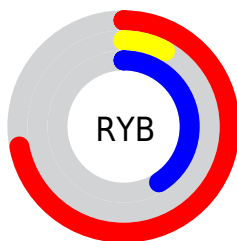
Distribution



Red (72%)

Green (8%)

Blue (41%)



Red (72%)

Yellow (8%)

Blue (41%)

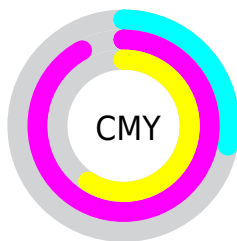


Cyan (0%)

Magenta (89%)

Yellow (43%)

Black (28%)



Cyan (28%)

Magenta (92%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.0633, 57.2220, -0.8045 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 34.0633, 57.2220, -0.8045 by changing the saturation by 10% instead.


 34.0633, 57.2220, -0.8045	 34.0633, 57.2220, -0.8045
--	--

142.0437, 73.9940, 3.5539	 25.4450, 55.0307, -1.0462
------------------------------	--

 53.6389, 61.5716, -0.1414	 17.7079, 53.0504, -1.2180
--	--

 64.4813, 63.6338, 0.2657	 10.9680, 51.8436, -1.3043
---	--

 75.9695, 65.5993, 0.7177	 2.5324, 130.2393, -6.0515
---	--

 88.0688, 67.4659, 1.2113	0.0000, INF, NaN
---	------------------

	0.0000, NaN, NaN
--	------------------

 100.7500, 69.2350, 1.7439	0.0000, NaN, NaN
--	------------------

 113.9874, 70.9100,	0.0000, NaN, NaN
--	------------------

2.3131

0.0000, NaN, NaN

127.7586, 72.4949,
2.9170

■ 34.0633, 57.2220,
-0.8045

■ 34.0633, 57.2220,
-0.8045

■ 33.0966, 58.7212,
1.9951

■ 35.6789, 53.8347,
-2.9971


■ 32.9711, 58.9014,
2.4108


■ 38.0217, 48.6035,
-4.3564

■ 41.0579, 42.0048,
-4.8577


■ 44.7171, 34.5608,
-4.5838

■ 48.9166, 26.6958,
-3.6643

 53.5764, 18.6968,
-2.2326

 58.6262, 10.7323,
-0.4036

 64.0071, 2.8874,
1.7316

 69.6713, -4.8041,
4.1040

Harmonies

Analogous

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



34.0643, 45.6537, -31.9742



34.0633, 57.2220, -0.8045



34.0643, 49.7141, 16.2037

Triad

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



34.0643, 57.2186, -0.8034



34.0643, -20.0650, 22.3573



34.0643, -23.5716, -58.5419

Complementary

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



34.0633, 57.2220, -0.8045



59.1160, -44.4394, 23.5524

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.



34.0643, -33.9163, -24.1313



34.0633, 57.2220, -0.8045



34.0643, -32.3182, 18.1904

Square

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



34.0643, 57.2186, -0.8034



34.0643, 0.9107, 23.1786



34.0643, -36.6113, 4.3136



34.0643, -4.4662, -76.9422

Rectangle

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



34.0633, 57.2220, -0.8045



34.0643, 35.7904, 20.7795



34.0643, -36.6113, 4.3136



34.0643, -27.9623, -47.6606

Sweetspot

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



34.0643, 57.2186, -0.8034



72.3987, 23.8778, -2.7492



25.7410, 52.0022, -86.4164



32.9908, 12.9318, -1.6386



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



34.0643, 57.2186, -0.8034



44.0714, 78.6333, 3.9850



32.6635, 51.9103, 19.4951



30.1446, 1.6739, 0.7331



27.5639, 49.2885, 1.6528



5.2944, 9.6847, -1.3695

Inverse Universe

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



34.0643, 57.2186, -0.8034



44.0714, 78.6333, 3.9850



61.1016, -32.3982, -4.9722



30.1446, 1.6739, 0.7331



27.5639, 49.2885, 1.6528



5.2944, 9.6847, -1.3695

Previews

White Background



This preview shows how the HunterLab color 34.0633, 57.2220, -0.8045 looks on a white background.

Color Contrast Check

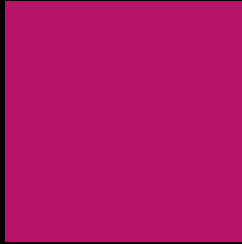
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 34.0633, 57.2220, -0.8045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 34.0633, 57.2220, -0.8045 Background



This preview shows how black text looks on a background with the HunterLab color 34.0633, 57.2220, -0.8045.



This preview shows how white text looks on a background with the HunterLab color 34.0633, 57.2220, -0.8045.

-0.8045.

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

34.0633, 57.2220, -0.8045

Protanopia

34.8347, 3.9821, -25.4479

Deuteranopia

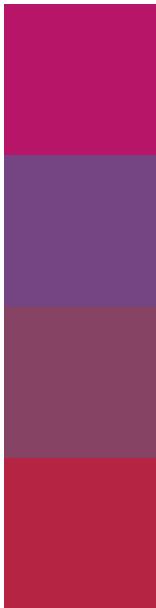
34.6060, 2.2516, 2.4036



Tritanopia

34.3181, 45.2907, 17.4740

Trichromacy



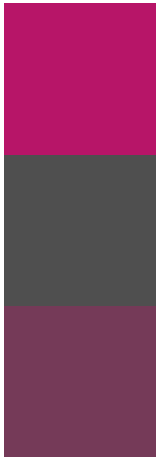
Original Color
34.0633, 57.2220, -0.8045

Protanomaly
31.1076, 23.3765, -21.3486

Deuteranomaly
31.7271, 24.6552, -2.0778

Tritanomaly
33.8980, 49.6807, 12.4697

Monochromacy



Original Color
34.0633, 57.2220, -0.8045

Achromatopsia
27.9620, -1.4920, 1.5192

Achromatomaly
27.4091, 21.1350, -2.7119

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.0633, 57.2220, -0.8045 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(183, 21, 104)` looks like.

```
.text, #text, p{  
    color:rgb(183, 21, 104)  
}
```

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(183, 21, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 21, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 34.0633, 57.2220, -0.8045 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(183, 21, 104) }
```


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

```
.border{ border-color:rgb(183, 21, 104) }
```

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

Here you see how a box with a 4 pixel rgb(183, 21, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 21, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 21, 104);  
box-shadow:4px 4px 4px 4px rgb(183, 21,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.0633, 57.2220, -0.8045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 21, 104) }
```

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

```
.background{ background-color: rgb(183, 21,  
104) }
```

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