

Converting Colors

HunterLab(58.8888, 35.0895,
-34.4117)

Have a look what the booklet for
HunterLab(58.8888, 35.0895,
-34.4117) contains.

HunterLab(58.7998, 35.3256, -34.2584)	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(58.7998, 35.3256,
-34.2584)**

Conversions

Conversions Part 1

Format	Color
Hex	C786E0
RGB	199, 134, 224
RGB Percent	78%, 53%, 88%
CMY	0.2196, 0.4745, 0.1216
CMYK	0.11, 0.40, 0.00, 0.12
HSL	283°, 59%, 70%
HSV	283°, 40%, 88%
XYZ	45.5329, 34.5742, 74.7947
YIQ	163.6950, 9.8500, 41.7700

Conversions

Conversions Part 2

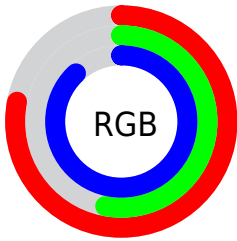
Format	Color
R _Y B	199, 134, 224
Decimal	13076192
CIE _{Lab}	65.42, 40.30, -36.09
CIE _{LCh}	65, 54.100, 318.149
Yxy	34.5756, 0.2939, 0.2232
Android (android.graphics.Color)	4291266272 (0xFFC786E0)
YUV	163.6950, 29.7304, 30.9625
Hunter-Lab	58.7998, 35.3256, -34.2584

Details

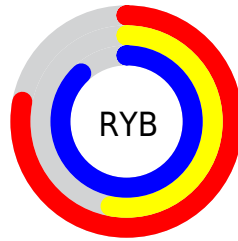
The HunterLab color $58.7998, 35.3256, -34.2584$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $78.9964, -35.9791, 31.1183$, and the grayscale version is $60.6843, -3.2380, 3.2971$.

A 20% lighter version of the original color is $80.2785, 31.3302, -19.8571$, and $38.6561, 32.3825, -32.4335$ is the 20% darker color. If you saturate the color by 10%, you get $53.0957, 45.3940, -45.2368$, and if you desaturate by 10%, it is $65.0429, 25.1754, -23.7643$.

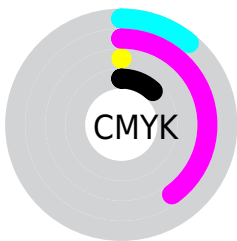
Distribution



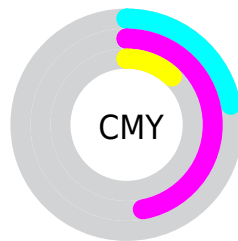
- Red (78%)
- Green (53%)
- Blue (88%)



- Red (78%)
- Yellow (53%)
- Blue (88%)



- Cyan (11%)
- Magenta (40%)
- Yellow (0%)
- Black (12%)



- Cyan (22%)
- Magenta (47%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7998, 35.3256, -34.2584 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 58.7998, 35.3256, -34.2584 by changing the saturation by 10% instead.

■ 58.7998, 35.3256,
-34.2584

■ 58.7998, 35.3256,
-34.2584

179.6361, 43.0418,
-38.1115

■ 48.3075, 34.0050,
-33.6208

■ 81.7483, 37.6352,
-35.4426

■ 38.5252, 32.5658,
-32.9901

■ 94.1325, 38.6436,
-35.9709

■ 29.5102, 31.0021,
-32.4249

■ 107.0858, 39.5639,
-36.4506

■ 21.3344, 29.3219,
-32.0596

120.5841, 40.4024,
-36.8804

■ 14.0948, 27.5790,
-32.2363

134.6062, 41.1647,
-37.2605

■ 7.7439, 27.3234,
-35.1514

149.1333, 41.8559,

0.0000, INF, -NF

-37.5916

0.0000, NaN, -NF

164.1484, 42.4803,
-37.8748

0.0000, NaN, NaN

■ 58.7998, 35.3256,
-34.2584

■ 58.7998, 35.3256,
-34.2584

■ 53.0957, 45.3940,
-45.2368

■ 65.0429, 25.1754,
-23.7643

■ 48.0309, 55.0471,
-56.4926

■ 71.7347, 15.1241,
-13.8200

■ 43.7224, 63.7252,
-67.5740

■ 78.8067, 5.2463,
-4.4046

■ 40.2805, 70.6558,
-77.7453

■ 86.2037, -4.4372,
4.5366

■ 37.7739, 75.0310,
-86.1011

■ 93.8818, -13.9339,
13.0685

■ 36.1111, 76.7445,
-92.1929

■ 97.3613, -16.5286,
16.7587

■ 97.9173, -14.5358,
17.3800

■ 98.4891, -12.4983,
18.0161

■ 99.0767, -10.4179,
18.6663

Harmonies

Analogous

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



58.8010, 11.9322, -55.6432



58.7998, 35.3256, -34.2584



58.8010, 49.1687, -6.5445

Triad

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



58.8010, 35.3241, -34.2567



58.8010, 6.6372, 31.9900



58.8010, -40.8738, -12.1776

Complementary

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



58.7998, 35.3256, -34.2584



78.9964, -35.9791, 31.1183

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.



58.8010, -41.8248, 11.5192



58.7998, 35.3256, -34.2584



58.8010, -16.8332, 31.4973

Square

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



58.8010, 35.3241, -34.2567



58.8010, 30.9165, 27.4061



58.8010, -33.7125, 25.5990



58.8010, -30.8655, -39.7754

Rectangle

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



58.7998, 35.3256, -34.2584



58.8010, 49.8551, 9.0886



58.8010, -33.7125, 25.5990



58.8010, -42.1971, -3.3670

Sweetspot

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



58.8010, 35.3241, -34.2567



89.6828, 8.2442, -7.1395



59.5149, 3.1371, -33.5273



40.9867, 4.5073, -3.9582

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.8010, 35.3241, -34.2567



62.6561, 50.4639, -50.0331



61.0594, 39.9751, -17.4537



37.0598, 2.1167, -1.7448



27.6594, 58.6929, -69.9191



7.5784, 15.8433, -17.3129

Inverse Universe

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



59.4997, 32.4504, 4.5448



63.7973, 46.4680, 6.3288



77.9083, -39.4706, 24.2145



37.0982, 1.7801, 1.9188



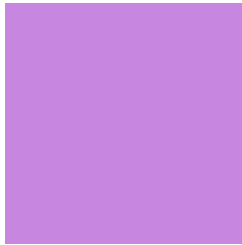
30.7327, 53.3487, 14.2922



8.1831, 14.3835, 2.4218

Previews

White Background



This preview shows how the HunterLab color 58.7998, 35.3256, -34.2584 looks on a white background.

Color Contrast Check

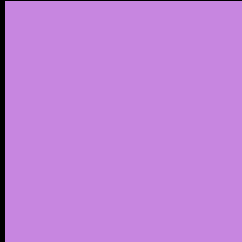
Large Text (above 18pt) WCAG AA × Fail

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 58.7998, 35.3256, -34.2584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

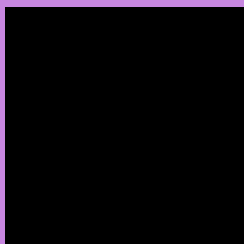
Any Text WCAG AA ✓ Pass

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 58.7998, 35.3256, -34.2584 Background



This preview shows how black text looks on a background with the HunterLab color 58.7998, 35.3256, -34.2584.



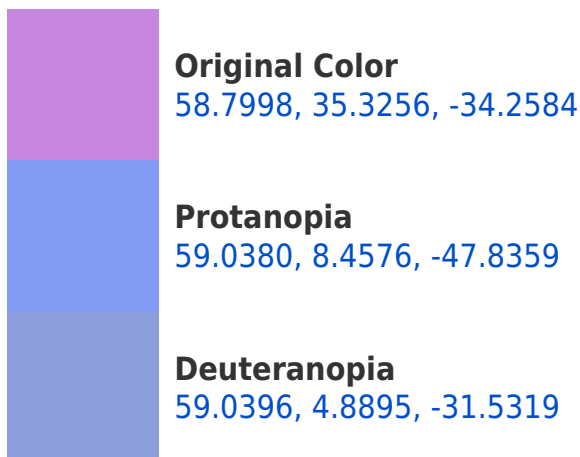
This preview shows how white text looks on a background with the HunterLab color 58.7998, 35.3256, -34.2584.

-34.2584.

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





Tritanopia

58.7383, 12.1825, 3.2985

Trichromacy



Original Color

58.7998, 35.3256, -34.2584



Protanomaly

58.3507, 16.9209, -43.6109



Deuteranomaly

58.5597, 14.8644, -32.9152



Tritanomaly

58.6526, 20.1934, -8.7916

Monochromacy



Original Color

58.7998, 35.3256, -34.2584



Achromatopsia

60.9293, -3.2510, 3.3104



Achromatomaly

59.7283, 10.1920, -9.1307

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7998, 35.3256, -34.2584 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(199, 134, 224)` looks like.

```
.text, #text, p{  
    color:rgb(199, 134, 224)  
}
```

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(199, 134, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 134, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7998, 35.3256, -34.2584 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(199, 134, 224) }
```


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

```
.border{ border-color:rgb(199, 134, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 134, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 134, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 134, 224);  
box-shadow:4px 4px 4px 4px rgb(199, 134,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.7998, 35.3256, -34.2584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 134, 224) }
```

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

```
.background{ background-color: rgb(199,  
134, 224) }
```

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