

Converting Colors

HunterLab(67.0633, 82.0876,
-160.7375)

Have a look what the booklet for
HunterLab(67.0633, 82.0876,
-160.7375) contains.

| | |
|--|----|
| HunterLab(58.8762, 45.6994, -58.1933) | 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(58.8762, 45.6994,
-58.1933)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C680FF |
| RGB | 198, 128, 255 |
| RGB Percent | 78%, 50%, 100% |
| CMY | 0.2235, 0.4980, 0.0000 |
| CMYK | 0.22, 0.50, 0.00, 0.00 |
| HSL | 273°, 100%, 75% |
| HSV | 273°, 50%, 100% |
| XYZ | 49.0578, 34.6641, 98.7129 |
| YIQ | 163.4080, 0.9530, 54.3370 |

Conversions

Conversions Part 2

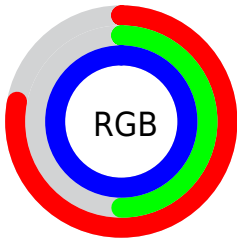
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 198, 128, 255 |
| Decimal | 13009151 |
| CIE _{Lab} | 65.49, 49.84, -53.07 |
| CIE _{LCh} | 65, 72.807, 313.201 |
| Yxy | 34.6654, 0.2689, 0.1900 |
| Android (android.graphics.Color) | 4291199231 (0xFFC680FF) |
| YUV | 163.4080, 45.1549, 30.3372 |
| Hunter-Lab | 58.8762, 45.6994, -58.1933 |

Details

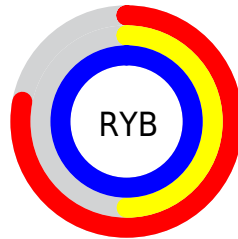
The HunterLab color **58.8762, 45.6994, -58.1933** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **91.3198, -43.1856, 42.2548**, and the grayscale version is **60.5077, -3.2285, 3.2875**.

A 20% lighter version of the original color is **78.9601, 34.1333, -21.7872**, and **38.6119, 42.2789, -57.5050** is the 20% darker color. If you saturate the color by 10%, you get **52.2792, 56.1366, -74.0979**, and if you desaturate by 10%, it is **66.1727, 35.1088, -43.3775**.

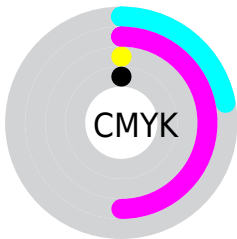
Distribution



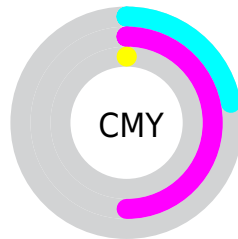
- Red (78%)
- Green (50%)
- Blue (100%)



- Red (78%)
- Yellow (50%)
- Blue (100%)



- Cyan (22%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.8762, 45.6994, -58.1933 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 58.8762, 45.6994, -58.1933 by changing the saturation by 10% instead.

■ 58.8762, 45.6994,
-58.1933

■ 58.8762, 45.6994,
-58.1933

179.7468, 56.3405,
-64.5916

■ 48.3790, 44.0347,
-57.5783

■ 81.8334, 48.6974,
-59.6716

■ 38.5915, 42.2590,
-57.1749

■ 94.2218, 50.0436,
-60.4469

■ 29.5708, 40.3814,
-57.1803

■ 107.1789, 51.2959,
-61.2131

■ 21.3888, 38.4418,
-58.0159

120.6810, 52.4603,
-61.9573

■ 14.1422, 36.5733,
-60.7132

134.7067, 53.5421,
-62.6713

■ 7.7941, 36.7065,
-70.3240

149.2373, 54.5465,

0.0000, INF, -NF

-63.3502

0.0000, NaN, -NF

164.2558, 55.4779,
-63.9909

0.0000, NaN, -NF

■ 58.8762, 45.6994,
-58.1933

■ 58.8762, 45.6994,
-58.1933

■ 52.2792, 56.1366,
-74.0979

■ 66.1727, 35.1088,
-43.3775

■ 46.5353, 65.8916,
-90.7101

■ 74.0384, 24.6269,
-29.7087

■ 41.8201, 74.0600,
-107.0632

■ 82.3758, 14.3529,
-17.0831

■ 38.2831, 79.4593,
-121.5402

■ 91.1096, 4.3067,
-5.3497

■ 35.8808, 81.4903,
-132.7950

100.0000, -5.3358,
5.4332

■ 35.8380, 81.5193,
-133.0074

Harmonies

Analogous

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



58.8773, 11.7232, -88.2312



58.8762, 45.6994, -58.1933



58.8773, 68.9037, -16.5589

Triad

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



58.8773, 45.6983, -58.1909



58.8773, 15.9054, 36.3510



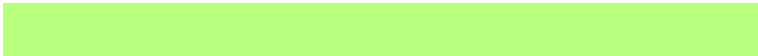
58.8773, -52.2375, -11.9497

Complementary

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



58.8762, 45.6994, -58.1933



91.3198, -43.1856, 42.2548

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.



58.8773, -51.5917, 17.8529



58.8762, 45.6994, -58.1933



58.8773, -16.6696, 36.5908

Square

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



58.8773, 45.6983, -58.1909



58.8773, 49.3234, 31.0030



58.8773, -39.9195, 32.0568



58.8773, -41.9285, -53.2937

Rectangle

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



58.8762, 45.6994, -58.1933



58.8773, 72.5981, 6.4099



58.8773, -39.9195, 32.0568



58.8773, -53.2153, -0.1911

Sweetspot

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



58.8773, 45.6983, -58.1909



86.5247, 9.5003, -11.3464



68.2429, -3.4643, -40.2056



39.1827, 5.3777, -6.4032

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.8773, 45.6983, -58.1909



52.1570, 56.3381, -74.4212



65.9674, 63.1560, -38.5393



42.2744, 1.8555, -2.3188



26.0789, 59.1265, -95.2842



8.5269, 18.9103, -27.8829

Inverse Universe

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



63.4051, 51.5268, -2.9484



58.0434, 62.3688, -2.3283



88.2273, -55.2813, 38.1537



42.5707, 2.4360, 1.3166



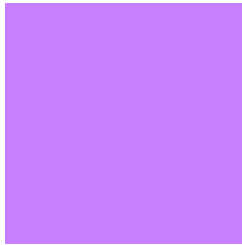
34.3191, 60.7225, 7.0605



10.8094, 19.3143, 0.7603

Previews

White Background



This preview shows how the HunterLab color 58.8762, 45.6994, -58.1933 looks on a white background.

Color Contrast Check

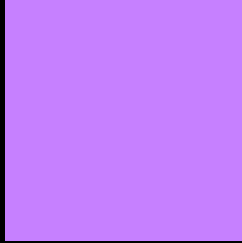
Large Text (above 18pt) WCAG AA × Fail

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 58.8762, 45.6994, -58.1933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

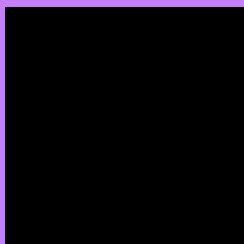
Any Text WCAG AA ✓ Pass

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 58.8762, 45.6994, -58.1933 Background



This preview shows how black text looks on a background with the HunterLab color 58.8762, 45.6994, -58.1933.



This preview shows how white text looks on a background with the HunterLab color 58.8762, 45.6994, -58.1933.

-58.1933.

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

58.8762, 45.6994, -58.1933

Protanopia

59.1523, 10.2004, -58.1999

Deuteranopia

59.2289, 5.3837, -53.1243



Tritanopia

58.6229, 9.2162, 1.7131

Trichromacy



Original Color

58.8762, 45.6994, -58.1933

Protanomaly

58.3727, 21.8217, -59.7436

Deuteranomaly

58.2962, 18.4086, -56.5785

Tritanomaly

58.3291, 21.4830, -16.7666

Monochromacy



Original Color

58.8762, 45.6994, -58.1933

Achromatopsia

60.5188, -3.2291, 3.2881

Achromatomaly

59.1847, 13.3703, -15.6140

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.8762, 45.6994, -58.1933 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(198, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 128, 255)  
}
```

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(198, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 128, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 58.8762, 45.6994, -58.1933 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(198, 128, 255) }
```


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

```
.border{ border-color:rgb(198, 128, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 128,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.8762, 45.6994, -58.1933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 128, 255) }
```

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

```
.background{ background-color: rgb(198,  
128, 255) }
```

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