

Converting Colors

Hex(C858FF)

Have a look what the booklet for
Hex(C858FF) contains.

Hex(C858FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C858FF)

Conversions

Conversions Part 1

Format	Color
Hex	C858FF
RGB	200, 88, 255
RGB Percent	78%, 35%, 100%
CMY	0.2157, 0.6549, 0.0000
CMYK	0.22, 0.65, 0.00, 0.00
HSL	280°, 100%, 67%
HSV	280°, 65%, 100%
XYZ	45.3591, 26.4788, 97.3280
YIQ	140.5260, 13.1450, 75.6810

Conversions

Conversions Part 2

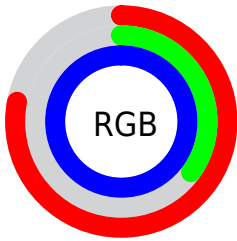
Format	Color
R _{YB}	200, 88, 255
Decimal	13129983
CIE _{Lab}	58.49, 69.66, -64.23
CIE _{LCh}	58, 94.752, 317.322
Y _{xy}	26.4788, 0.2681, 0.1565
Android (android.graphics.Color)	4291320063 (0xFFC858FF)
Y _{UV}	140.5260, 56.4357, 52.1587
Hunter-Lab	51.4576, 67.2946, -76.1221

Details

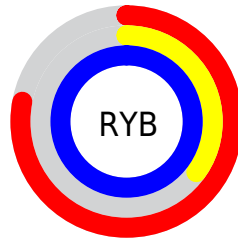
The Hex color **C858FF** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **8FFF58**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF90FF**, and **8D17C5** is the 20% darker color. If you saturate the color by 10%, you get **C03FFF**, and if you desaturate by 10%, it is **D072FF**.

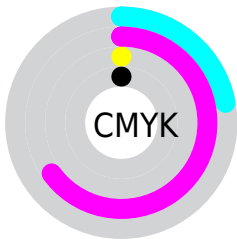
Distribution



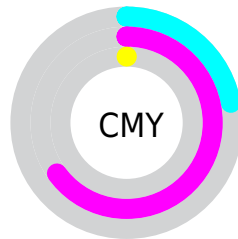
- Red (78%)
- Green (35%)
- Blue (100%)



- Red (78%)
- Yellow (35%)
- Blue (100%)



- Cyan (22%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C858FF 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 Hex color C858FF by changing the saturation by 10% instead.

 C858FF

FFFFFF

 FF90FF

 FFADFF

 FFCAFF

 FFE7FF

 C858FF


 AB3BE2

 8D17C5

 7000A9

 53008E

 350074

 17005A

 000042

 00032A

 000115

 C858FF

 C858FF

 C03FFF

 D072FF

 B725FF

 D98BFF

 AF0CFF

 E1A5FF

 AB00FF

 EABEFF

 F2D8FF

 FAF1FF

FFFFFF

Harmonies

Analogous

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



0087FF



C858FF



FF00B4

Triad

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



C858FF



C87C00



00AFBC

Complementary

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



C858FF



8FFF58

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.



00AD65



C858FF



7E9800

Square

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



C858FF



FE4E00



00A600



00ADFF

Rectangle

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



C858FF



FF007C



00A600



00AFA0

Sweetspot

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



C858FF



EECCFF



5890FF



756180



000000



808080

Same Dimension

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



C858FF



BD36FF



FF58E3



7B7380



8000BF



2B0040

Inverse Universe

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



FF588F



FF3678



58FF74



807377



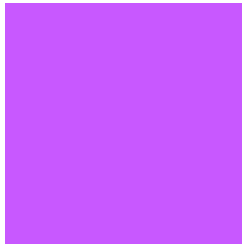
BF003F



400015

Previews

White Background



This preview shows how the Hex color C858FF looks on a white background.

Color Contrast Check

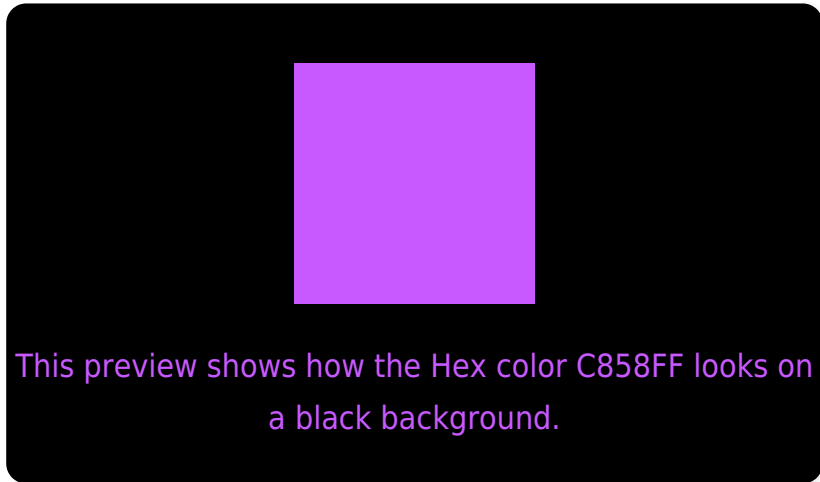
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

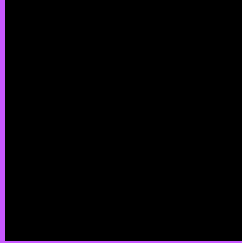
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex C858FF Background



This preview shows how black text looks on a background with the Hex color C858FF.

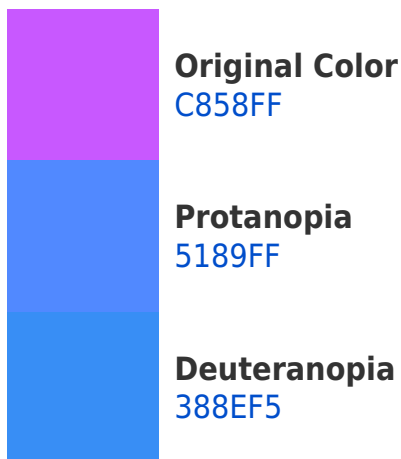



This preview shows how white text looks on a background with the Hex color C858FF.

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
B57D87

Trichromacy



Original Color
C858FF



Protanomaly
7C77FF



Deuteranomaly
6C7AF9



Tritanomaly
BC70B3

Monochromacy



Original Color
C858FF



Achromatopsia
8D8D8D



Achromatomaly
A27AB6

CSS Examples

Text

The CSS property to change the color of the text to Hex C858FF 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 #C858FF looks like.

```
.text, #text, p{  
    color:#C858FF  
}
```

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 #C858FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C858FF
}
```

Border

The CSS property to change the border of an element to Hex C858FF 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".

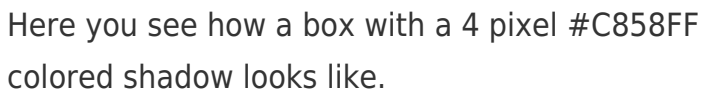
```
.border, #border, table{ border:4px solid
#C858FF }
```

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

```
.border{ border-color:#C858FF }
```

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

Here you see how a box with a 4 pixel #C858FF colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C858FF; -webkit-box-shadow:4px 4px  
4px 4px #C858FF; box-shadow:4px 4px 4px  
4px #C858FF }
```

Background

The CSS property to change the background color of an element to Hex C858FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C858FF }
```

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

```
.background{ background-color:#C858FF }
```

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