

Converting Colors

Hex(C588F3)

Have a look what the booklet for
Hex(C588F3) contains.

Hex(C588F3)	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(C588F3)

Conversions

Conversions Part 1

Format	Color
Hex	C588F3
RGB	197, 136, 243
RGB Percent	77%, 53%, 95%
CMY	0.2275, 0.4667, 0.0471
CMYK	0.19, 0.44, 0.00, 0.05
HSL	274°, 82%, 74%
HSV	274°, 44%, 95%
XYZ	48.0078, 35.9497, 89.2027
YIQ	166.4370, 2.0090, 46.2090

Conversions

Conversions Part 2

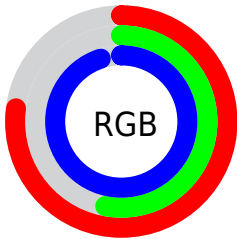
Format	Color
RYB	197, 136, 243
Decimal	12945651
CIELab	66.48, 42.67, -44.93
CIElCh	66, 61.965, 313.521
Yxy	35.9497, 0.2772, 0.2076
Android (android.graphics.Color)	4291135731 (0xFFC588F3)
YUV	166.4370, 37.7456, 26.8038
Hunter-Lab	59.9581, 37.9964, -46.2381

Details

The Hex color **C588F3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B6F388**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFBEFF**, and **8D54BA** is the 20% darker color. If you saturate the color by 10%, you get **BB70F3**, and if you desaturate by 10%, it is **CFA0F3**.

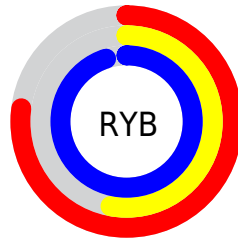
Distribution



Red (77%)

Green (53%)

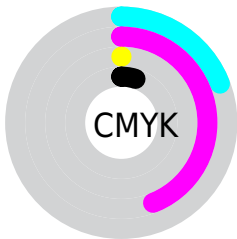
Blue (95%)



Red (77%)

Yellow (53%)

Blue (95%)

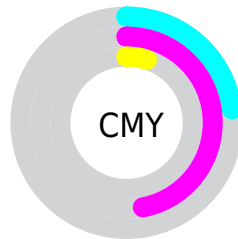


Cyan (19%)

Magenta (44%)

Yellow (0%)

Black (5%)



Cyan (23%)

Magenta (47%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color C588F3 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 C588F3 by changing the saturation by 10% instead.

 C588F3

FFFFFF

 FFBEFF

 FFDBFF

 FFF7FF

 C588F3

 A96ED6

 8D54BA

 723C9F

 572384

 3D076B

 220052

 06003A

 000223

 00000B

 C588F3

 C588F3

 BB70F3

 CFA0F3

 B057F3

 DAB9F3

 A63FF3

 E4D1F3

 9B27F3

 EFE9F3

 910FF3

 F9FFF3

 8B00F3

 FFFFF3

Harmonies

Analogous

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



669FFF



C588F3



F773C3

Triad

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



C588F3



D89431



00BDBA

Complementary

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



C588F3



B6F388

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.



00BB80



C588F3



A7A72A

Square

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



C588F3



FB7D57



68B44C



00BAED

Rectangle

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



C588F3



FF6D9D



68B44C



00BCA7

Sweetspot

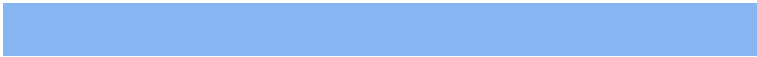
The Sweet Spot groups the original color and five complimentary colors.



C588F3



F1DEFF



88B6F3



776B80



000000



808080

Same Dimension

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



C588F3



C578FF



F388EC



756E7A



6A00BA



21003B

Inverse Universe

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



F388B6



FF78B2



88F38F



7A6E73



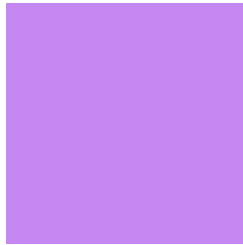
BA0050



3B0019

Previews

White Background



This preview shows how the Hex color C588F3 looks on a white background.

Color Contrast Check

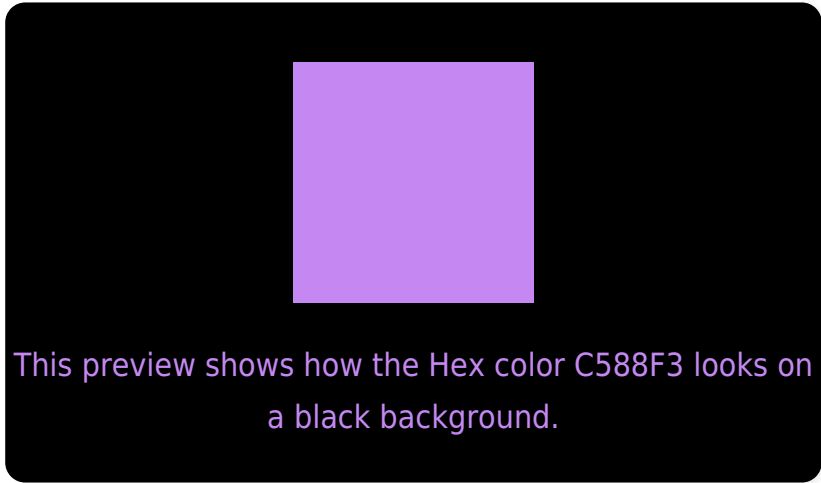
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

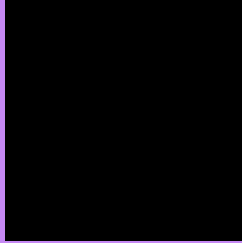
Any Text WCAG AA ✓ Pass

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](#).

Hex C588F3 Background



This preview shows how black text looks on a background with the Hex color C588F3.

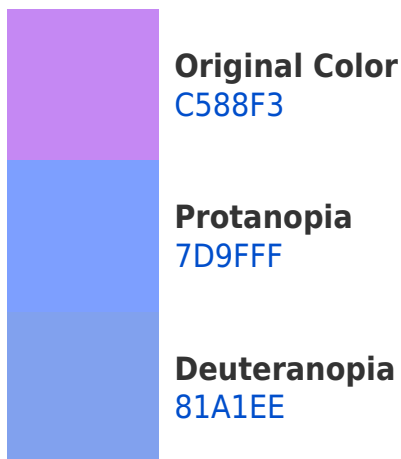


This preview shows how white text looks on a background with the Hex color C588F3.

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](#).

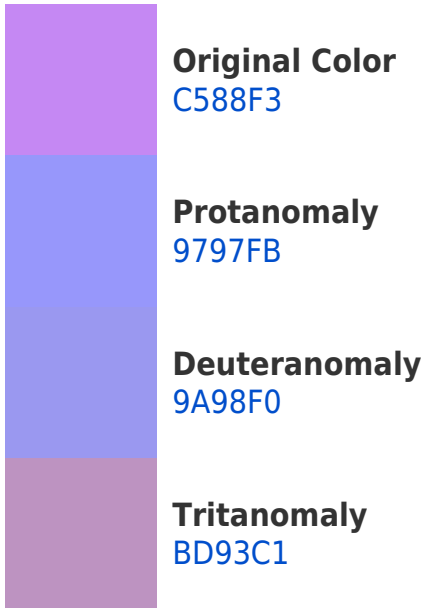
Dichromacy



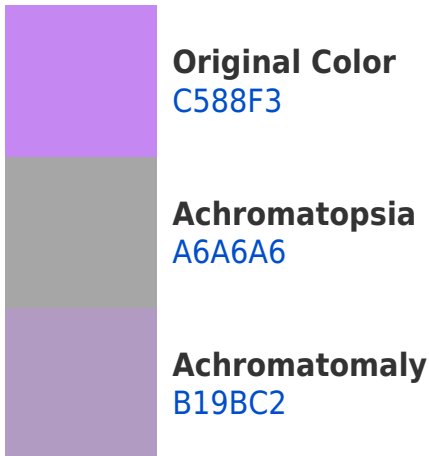


Tritanopia
B899A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C588F3 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 #C588F3 looks like.

```
.text, #text, p{  
    color:#C588F3  
}
```

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 #C588F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C588F3
}
```

Border

The CSS property to change the border of an element to Hex C588F3 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
#C588F3 }
```

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

```
.border{ border-color:#C588F3 }
```

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

Here you see how a box with a 4 pixel #C588F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C588F3; -webkit-box-shadow:4px 4px  
4px 4px #C588F3; box-shadow:4px 4px 4px  
4px #C588F3 }
```

Background

The CSS property to change the background color of an element to Hex C588F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C588F3 }
```

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

```
.background{ background-color:#C588F3 }
```

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