

Converting Colors

Hex(C69CF3)

Have a look what the booklet for
Hex(C69CF3) contains.

Hex(C69CF3)	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(C69CF3)

Conversions

Conversions Part 1

Format	Color
Hex	C69CF3
RGB	198, 156, 243
RGB Percent	78%, 61%, 95%
CMY	0.2235, 0.3882, 0.0471
CMYK	0.19, 0.36, 0.00, 0.05
HSL	269°, 78%, 78%
HSV	269°, 36%, 95%
XYZ	51.3548, 42.2538, 90.2431
YIQ	178.4760, -2.8950, 35.9610

Conversions

Conversions Part 2

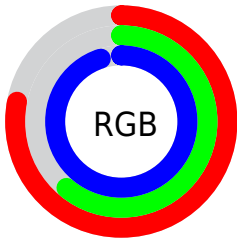
Format	Color
RYB	198, 156, 243
Decimal	13016307
CIELab	71.05, 32.04, -37.79
CIELCh	71, 49.545, 310.298
Yxy	42.2538, 0.2793, 0.2298
Android (android.graphics.Color)	4291206387 (0xFFC69CF3)
YUV	178.4760, 31.8103, 17.1225
Hunter-Lab	65.0029, 27.2669, -36.8099

Details

The Hex color **C69CF3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C9F39C**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFD3FF**, and **8F68BA** is the 20% darker color. If you saturate the color by 10%, you get **B984F3**, and if you desaturate by 10%, it is **D3B4F3**.

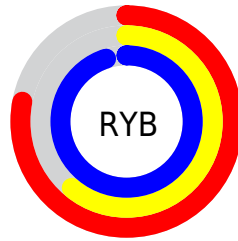
Distribution



Red (78%)

Green (61%)

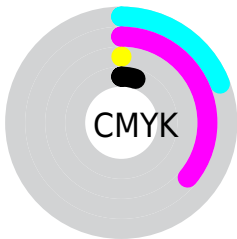
Blue (95%)



Red (78%)

Yellow (61%)

Blue (95%)

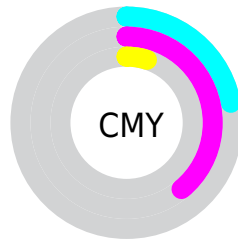


Cyan (19%)

Magenta (36%)

Yellow (0%)

Black (5%)



Cyan (22%)

Magenta (39%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color C69CF3 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 C69CF3 by changing the saturation by 10% instead.

 C69CF3

 C69CF3

FFFFFF

 AA82D6

 FFD3FF

 8F68BA

 FFEFFF

 744F9F

 5A3885

 41216B

 270A52

 13003B

 000224

 00000C

 C69CF3

 C69CF3

 B984F3

 D3B4F3

 AD6BF3

 DFCDF3

 A053F3

 ECE5F3

 943BF3

 F8FDF3

 8723F3

 FFFFF3

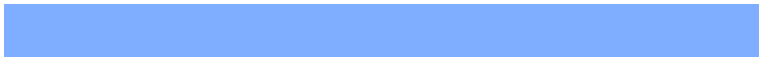
 7B0AF3

 7500F3

Harmonies

Analogous

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



7FADFF



C69CF3



F28DCD

Triad

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



C69CF3



E2A158



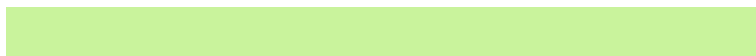
00C5BD

Complementary

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



C69CF3



C9F39C

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.



47C38E



C69CF3



BAB052

Square

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



C69CF3



FC9176



89BC67



00C3E7

Rectangle

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



C69CF3



FF88AF



89BC67



00C5AD

Sweetspot

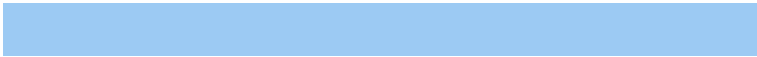
The Sweet Spot groups the original color and five complimentary colors.



C69CF3



F0E3FF



9CCAF3



776F80



000000



808080

Same Dimension

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



C69CF3



C691FF



F09CF3



746E7A



5A00BA



1C003B

Inverse Universe

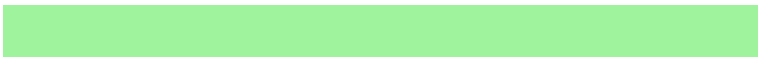
The Inverse Universe completely reimagines the original color for something new.



F39CC9



FF91CA



9FF39C



7A6E74



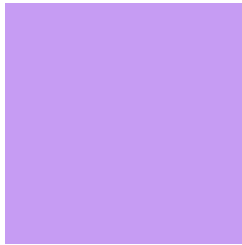
BA0060



3B001E

Previews

White Background



This preview shows how the Hex color C69CF3 looks on a white background.

Color Contrast Check

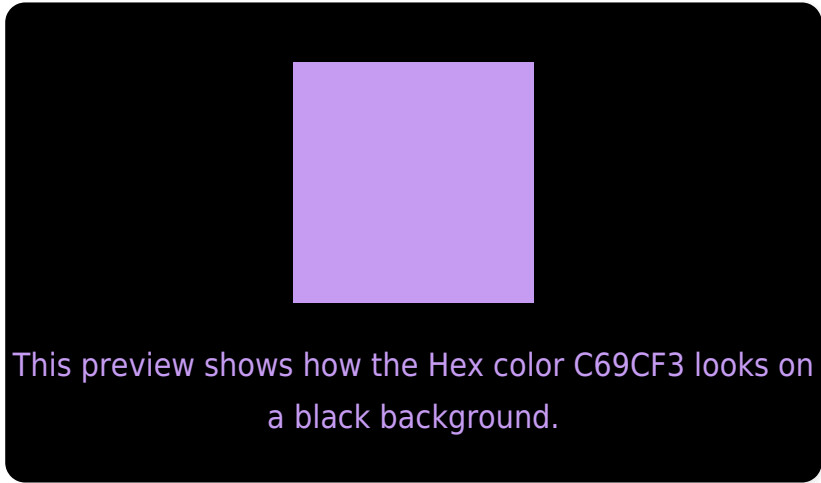
Large Text (above 18pt) WCAG AA × Fail

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

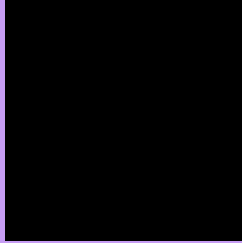
Any Text WCAG AA ✓ Pass

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 C69CF3 Background



This preview shows how black text looks on a background with the Hex color C69CF3.

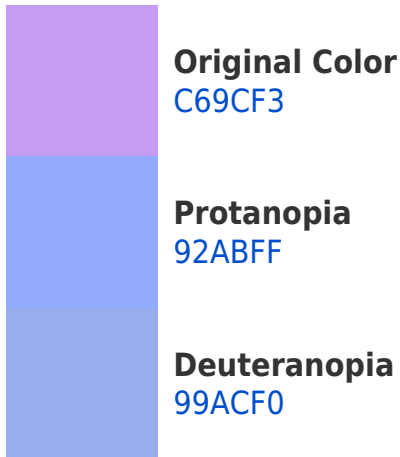


This preview shows how white text looks on a background with the Hex color C69CF3.

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
BCA9B6

Trichromacy



Original Color
C69CF3



Protanomaly
A5A6FB



Deuteranomaly
A9A6F1



Tritanomaly
C0A4CC

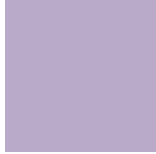
Monochromacy



Original Color
C69CF3



Achromatopsia
B2B2B2



Achromatomaly
B9AACA

CSS Examples

Text

The CSS property to change the color of the text to Hex C69CF3 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 #C69CF3 looks like.

```
.text, #text, p{  
    color:#C69CF3  
}
```

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 #C69CF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C69CF3
}
```

Border

The CSS property to change the border of an element to Hex C69CF3 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
#C69CF3 }
```

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

```
.border{ border-color:#C69CF3 }
```

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

Here you see how a box with a 4 pixel #C69CF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C69CF3; -webkit-box-shadow:4px 4px  
4px 4px #C69CF3; box-shadow:4px 4px 4px  
4px #C69CF3 }
```

Background

The CSS property to change the background color of an element to Hex C69CF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C69CF3 }
```

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

```
.background{ background-color:#C69CF3 }
```

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