

# Converting Colors

Hex(CFA6F3)

Have a look what the booklet for  
Hex(CFA6F3) contains.

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# Color

**Hex(CFA6F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFA6F3
RGB	207, 166, 243
RGB Percent	81%, 65%, 95%
CMY	0.1882, 0.3490, 0.0471
CMYK	0.15, 0.32, 0.00, 0.05
HSL	272°, 76%, 80%
HSV	272°, 32%, 95%
XYZ	55.5460, 47.0089, 90.9401
YIQ	187.0370, -0.2810, 32.6390

# Conversions

## Conversions Part 2

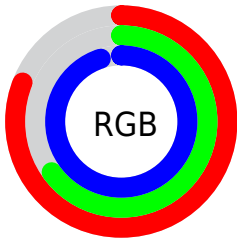
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 166, 243
Decimal	13608691
CIE <sub>Lab</sub>	74.20, 29.26, -32.84
CIE <sub>LCh</sub>	74, 43.981, 311.699
Yxy	47.0089, 0.2871, 0.2429
Android (android.graphics.Color)	4291798771 (0xFFCFA6F3)
YUV	187.0370, 27.5898, 17.5076
Hunter-Lab	68.5630, 24.6256, -30.6464

# Details

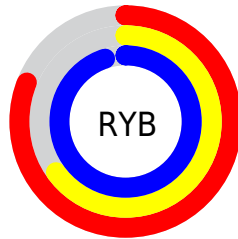
The Hex color **CFA6F3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CAF3A6**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFDDFF**, and **9872BB** is the 20% darker color. If you saturate the color by 10%, you get **C48EF3**, and if you desaturate by 10%, it is **DABEF3**.

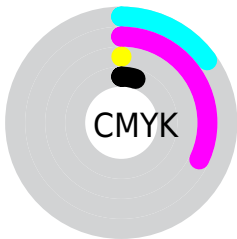
# Distribution



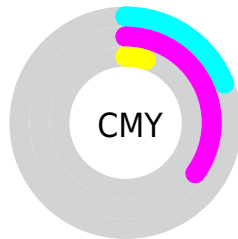
- Red (81%)
- Green (65%)
- Blue (95%)



- Red (81%)
- Yellow (65%)
- Blue (95%)



- Cyan (15%)
- Magenta (32%)
- Yellow (0%)
- Black (5%)



- Cyan (19%)
- Magenta (35%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFA6F3 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 CFA6F3 by changing the saturation by 10% instead.



 CFA6F3

 CFA6F3

FFFFFF

 B38BD6

 FFDDFF


 9872BB

 FFFAFF

 7D599F

 634185

 4A2A6B

 311353

 1A003B

 000025

 00010D

 CFA6F3

 CFA6F3

 C48EF3

 DABEF3

 B875F3

 E6D7F3

 AD5DF3

 F1EFF3

 A245F3

 FCFFF3

 962CF3

 FFFFF3

 8B14F3

 8100F3

# Harmonies

## Analogous

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



94B5FF



CFA6F3



F59AD1

# Triad

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



CFA6F3



E5AB6A



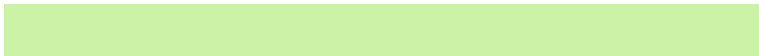
00CCC5

# Complementary

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



CFA6F3



CAF3A6

# 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.



5FCA9C



CFA6F3



C1B966

# Square

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



CFA6F3



FE9E83



94C478



00C9EB

# Rectangle

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



CFA6F3



FF96B6



94C478



2DCCB7



# Sweetspot

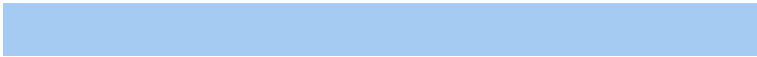
The Sweet Spot groups the original color and five complimentary colors.



CFA6F3



F3E6FF



A6CBF3



787080



000000



808080



# Same Dimension

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



CFA6F3



D29EFF



F3A6F2



756E7A



6300BA



1F003B



# Inverse Universe

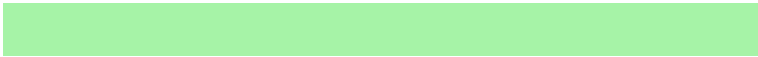
The Inverse Universe completely reimagines the original color for something new.



F3A6CA



FF9ECB



A6F3A7



7A6E74



BA0057

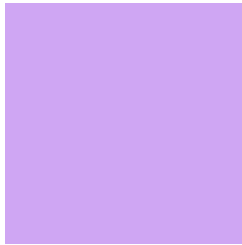


3B001B



# Previews

## White Background



This preview shows how the Hex color CFA6F3 looks on a white background.

## Color Contrast Check

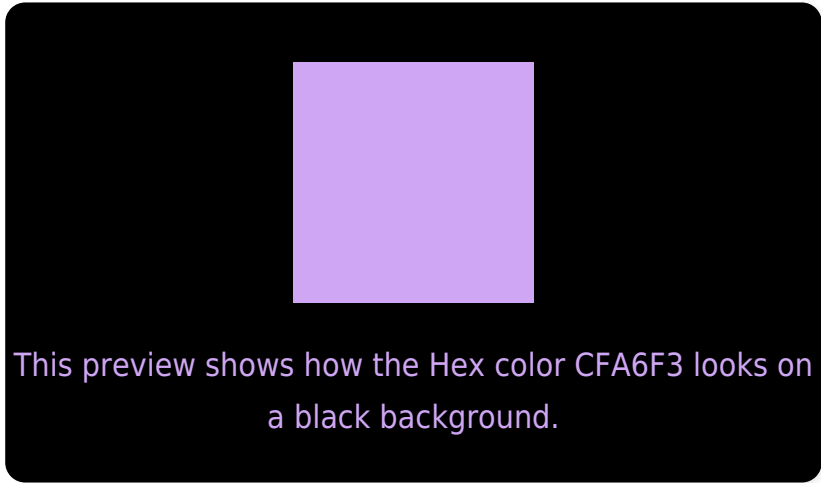
Large Text (above 18pt) WCAG AA × Fail

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

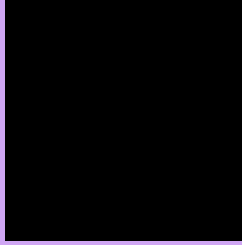
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CFA6F3 Background



This preview shows how black text looks on a background with the Hex color CFA6F3.

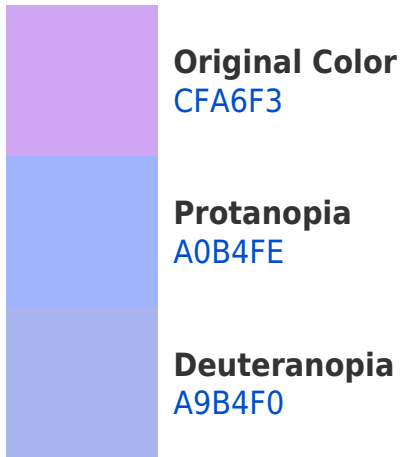



This preview shows how white text looks on a background with the Hex color CFA6F3.

# 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**  
C6B0BE

# Trichromacy



**Original Color**  
CFA6F3



**Protanomaly**  
B1AFFA



**Deuteranomaly**  
B7AFF1



**Tritanomaly**  
C9ACD1

# Monochromacy



**Original Color**  
CFA6F3



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
C2B3CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFA6F3 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 #CFA6F3 looks like.

```
.text, #text, p{  
    color:#CFA6F3  
}
```

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 #CFA6F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFA6F3
}
```

## Border

The CSS property to change the border of an element to Hex CFA6F3 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
#CFA6F3 }
```

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

```
.border{ border-color:#CFA6F3 }
```

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

Here you see how a box with a 4 pixel #CFA6F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFA6F3; -webkit-box-shadow:4px 4px  
4px 4px #CFA6F3; box-shadow:4px 4px 4px  
4px #CFA6F3 }
```

# Background

The CSS property to change the background color of an element to Hex CFA6F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFA6F3 }
```

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

```
.background{ background-color:#CFA6F3 }
```

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](#).



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