

# Converting Colors

Hex(BF6BFC)

Have a look what the booklet for  
Hex(BF6BFC) contains.

<b>Hex(BF6BFC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(BF6BFC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF6BFC
RGB	191, 107, 252
RGB Percent	75%, 42%, 99%
CMY	0.2510, 0.5804, 0.0118
CMYK	0.24, 0.58, 0.00, 0.01
HSL	275°, 96%, 70%
HSV	275°, 58%, 99%
XYZ	44.3142, 28.6200, 95.2841
YIQ	148.6460, 3.5190, 62.9030

# Conversions

## Conversions Part 2

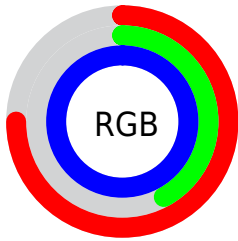
Format	Color
R <sub>Y</sub> B	191, 107, 252
Decimal	12545020
CIE Lab	60.44, 58.20, -59.50
CIE LCh	60, 83.234, 314.370
Yxy	28.6200, 0.2634, 0.1701
Android (android.graphics.Color)	4290735100 (0xFFBF6BFC)
YUV	148.6460, 50.9535, 37.1445
Hunter-Lab	53.4977, 54.2376, -68.1523

# Details

The Hex color **BF6BFC** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A8FC6B**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FAA2FF**, and **8635C3** is the 20% darker color. If you saturate the color by 10%, you get **B452FC**, and if you desaturate by 10%, it is **CA84FC**.

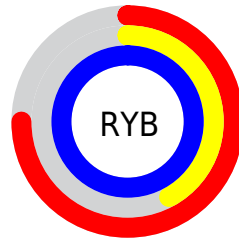
# Distribution



Red (75%)

Green (42%)

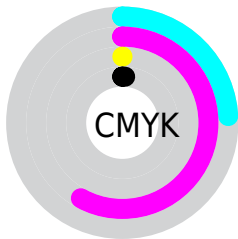
Blue (99%)



Red (75%)

Yellow (42%)

Blue (99%)

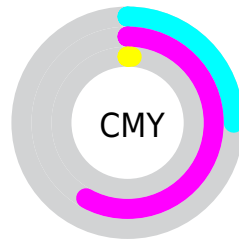


Cyan (24%)

Magenta (58%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (58%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF6BFC 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 BF6BFC by changing the saturation by 10% instead.



 BF6BFC

 BF6BFC

FFFFFF

 A250DF

 FAA2FF

 8635C3

 FFBEFF

 6917A7

 FFDAFF

 4D008C

 FFF7FF

 2F0072

 120058

 000040

 000329

 000113

 BF6BFC

 BF6BFC

 B452FC

 CA84FC

 AA39FC

 D49DFC

 9F1FFC

 DFB7FC

 9506FC

 E9D0FC

 9200FC

 F4E9FC

FFFFFC

# Harmonies

## Analogous

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



008FFF



BF6BFC



FF40BB

# Triad

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



BF6BFC



CF8000



00B2B4

# Complementary

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



BF6BFC



A8FC6B

# 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.



00AF67



BF6BFC



909900

# Square

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



BF6BFC



FD5B2B



2DA80E



00AFF8

# Rectangle

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



BF6BFC



FF318A



2DA80E



00B19B



# Sweetspot

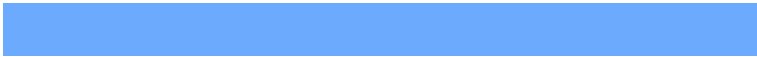
The Sweet Spot groups the original color and five complimentary colors.



BF6BFC



EDD4FF



6BAAF0



756680



000000



808080



# Same Dimension

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



BF6BFC



B54FFF



FC6BF2



78707D



6D00BD



23003D



# Inverse Universe

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



FC6BA8



FF4F99



6BFC75



7D7076



BD004F

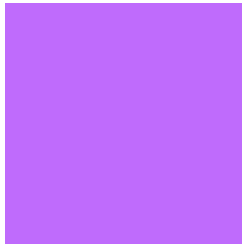


3D001A



# Previews

## White Background



This preview shows how the Hex color BF6BFC looks on a white background.

## Color Contrast Check

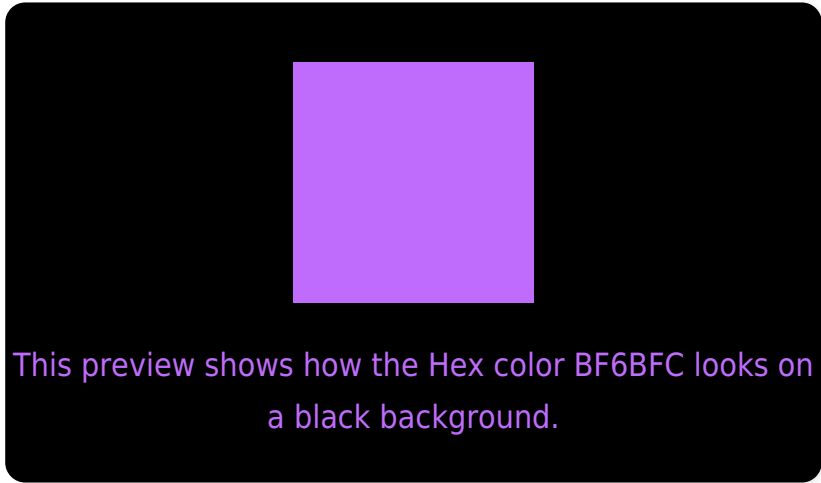
Large Text (above 18pt) WCAG AA ✓ Pass

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

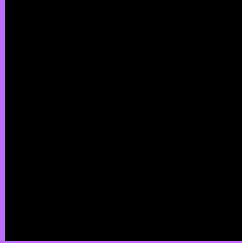
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BF6BFC Background



This preview shows how black text looks on a background with the Hex color BF6BFC.



This preview shows how white text looks on a background with the Hex color BF6BFC.

# 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](#).

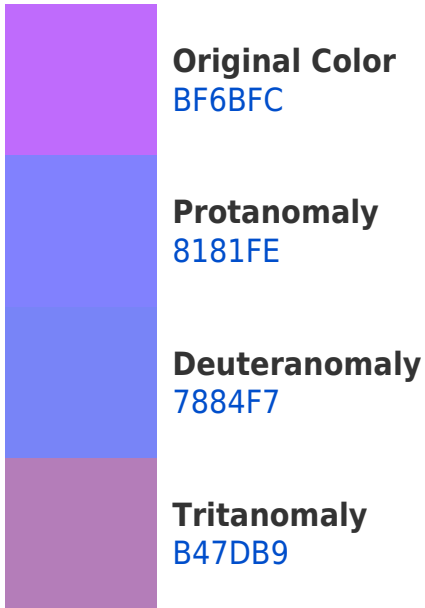
## Dichromacy



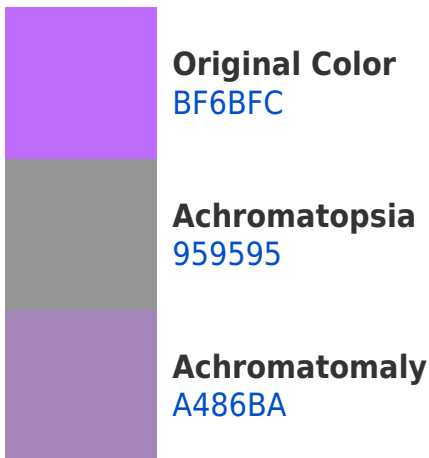


**Tritanopia**  
AD8892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF6BFC 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 #BF6BFC looks like.

```
.text, #text, p{  
  color:#BF6BFC  
}
```

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 #BF6BFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF6BFC
}
```

## Border

The CSS property to change the border of an element to Hex BF6BFC is called "border". The border property can be set on classes, ids or directly on the HTML element.

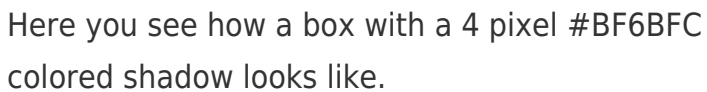
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF6BFC }
```

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

```
.border{ border-color:#BF6BFC }
```

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



Here you see how a box with a 4 pixel `#BF6BFC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF6BFC; -webkit-box-shadow:4px 4px  
4px 4px #BF6BFC; box-shadow:4px 4px 4px  
4px #BF6BFC }
```

# Background

The CSS property to change the background color of an element to Hex BF6BFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF6BFC }
```

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

```
.background{ background-color:#BF6BFC }
```

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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