

Converting Colors

Hex(BF5FBA)

Have a look what the booklet for
Hex(BF5FBA) contains.

Hex(BF5FBA)	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(BF5FBA)

Conversions

Conversions Part 1

Format	Color
Hex	BF5FBA
RGB	191, 95, 186
RGB Percent	75%, 37%, 73%
CMY	0.2510, 0.6275, 0.2706
CMYK	0.00, 0.50, 0.03, 0.25
HSL	303°, 43%, 56%
HSV	303°, 50%, 75%
XYZ	34.4410, 22.8060, 49.0411
YIQ	134.0780, 28.0050, 48.6530

Conversions

Conversions Part 2

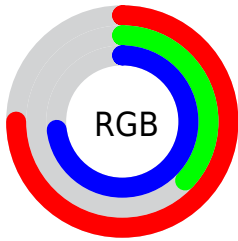
Format	Color
R_{YB}	191, 95, 186
Decimal	12541882
CIE _{Lab}	54.87, 50.98, -31.11
CIE _{LCh}	55, 59.727, 328.604
Yxy	22.8060, 0.3240, 0.2146
Android (android.graphics.Color)	4290731962 (0xFFBF5FBA)
YUV	134.0780, 25.5975, 49.9206
Hunter-Lab	47.7556, 45.1607, -27.4571

Details

The Hex color **BF5FBA** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **5FBF64**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F995F2**, and **872984** is the 20% darker color. If you saturate the color by 10%, you get **BF4CB9**, and if you desaturate by 10%, it is **BF72BB**.

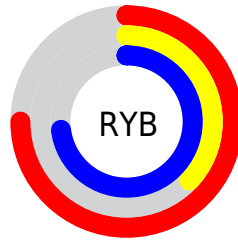
Distribution



Red (75%)

Green (37%)

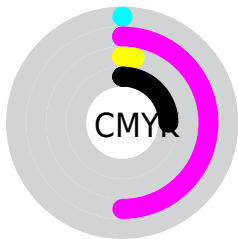
Blue (73%)



Red (75%)

Yellow (37%)

Blue (73%)

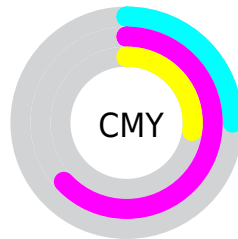


Cyan (0%)

Magenta (50%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (63%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF5FBA 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 BF5FBA by changing the saturation by 10% instead.

 BF5FBA

 BF5FBA

FFFFFF

 A3449F

 F995F2

 872984

 FFB1FF

 6C056B

 FFCDFD

 520052

 FFEAFF

 38003B

 200025

 00000C

 000000

 BF5FBA

 BF5FBA

 BF4CB9

 BF72BB

 BF39B8

 BF85BC

 BF26B7

 BF98BD

 BF13B6

 BFABBE

 BF00B5

 BFBFBF

 BFD2C0

 BFE5C1

 BFF8C2

 BFFFC3

Harmonies

Analogous

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



7D77DF



BF5FBA



DD5088

Triad

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



BF5FBA



9F8003



009BB3

Complementary

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



BF5FBA



5FBF64

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.



009B7F



BF5FBA



6C8F1C

Square

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



BF5FBA



C66C28



0E974A



0096DB

Rectangle

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



BF5FBA



E05265



0E974A



009CA3

Sweetspot

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



BF5FBA



F7D2F5



645FBF



7D667C



FCFCFC



7D7D7D

Same Dimension

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



BF5FBA



F763F0



BF5F8A



5E555E



9E0096



1F001D

Inverse Universe

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



BF5FBA



F763F0



5FBF94



5E555E



9E0096



1F001D

Previews

White Background



This preview shows how the Hex color BF5FBA looks on a white background.

Color Contrast Check

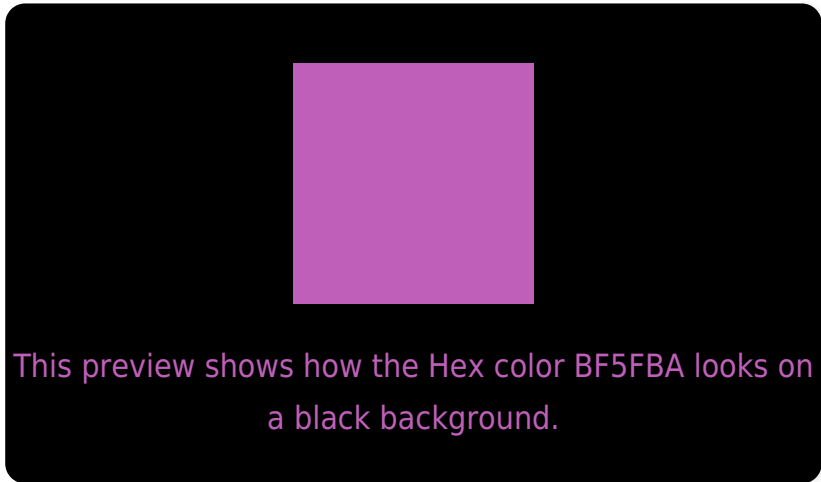
Large Text (above 18pt) WCAG AA ✓ Pass

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

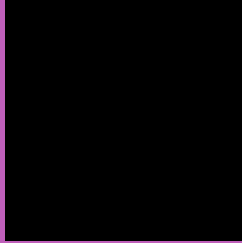
Any Text WCAG AA ✓ Pass

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 BF5FBA Background



This preview shows how black text looks on a background with the Hex color BF5FBA.

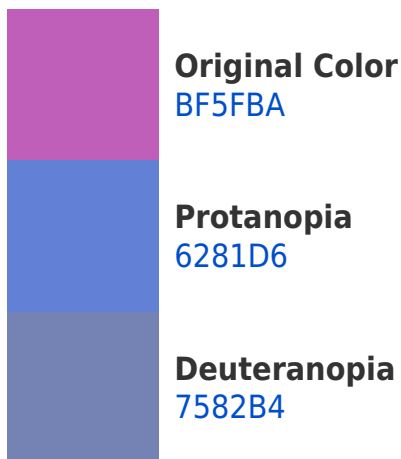


This preview shows how white text looks on a background with the Hex color BF5FBA.

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
B76F77

Trichromacy



Original Color
BF5FBA



Protanomaly
8475CC



Deuteranomaly
9075B6



Tritanomaly
BA698F

Monochromacy



Original Color
BF5FBA



Achromatopsia
868686



Achromatomaly
9B7899

CSS Examples

Text

The CSS property to change the color of the text to Hex BF5FBA 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 #BF5FBA looks like.

```
.text, #text, p{  
    color:#BF5FBA  
}
```

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 #BF5FBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF5FBA
}
```

Border

The CSS property to change the border of an element to Hex BF5FBA 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
#BF5FBA }
```

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

```
.border{ border-color:#BF5FBA }
```

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

Here you see how a box with a 4 pixel #BF5FBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF5FBA; -webkit-box-shadow:4px 4px  
4px 4px #BF5FBA; box-shadow:4px 4px 4px  
4px #BF5FBA }
```

Background

The CSS property to change the background color of an element to Hex BF5FBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF5FBA }
```

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

```
.background{ background-color:#BF5FBA }
```

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