

# Converting Colors

Hex(BC6BF9)

Have a look what the booklet for  
Hex(BC6BF9) contains.

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# Color

Hex(**BC6BF9**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BC6BF9
RGB	188, 107, 249
RGB Percent	74%, 42%, 98%
CMY	0.2627, 0.5804, 0.0235
CMYK	0.24, 0.57, 0.00, 0.02
HSL	274°, 92%, 70%
HSV	274°, 57%, 98%
XYZ	43.0956, 28.0463, 92.7646
YIQ	147.4070, 2.6940, 61.3340

# Conversions

## Conversions Part 2

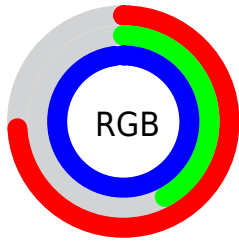
Format	Color
R <sub>Y</sub> B	188, 107, 249
Decimal	12348409
CIE Lab	59.93, 56.83, -58.68
CIE LCh	60, 81.695, 314.082
Yxy	28.0463, 0.2629, 0.1711
Android (android.graphics.Color)	4290538489 (0xFFBC6BF9)
YUV	147.4070, 50.0853, 35.6001
Hunter-Lab	52.9588, 52.5779, -66.7835

# Details

The Hex color **BC6BF9** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A8F96B**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F7A1FF**, and **8336C0** is the 20% darker color. If you saturate the color by 10%, you get **B152F9**, and if you desaturate by 10%, it is **C784F9**.

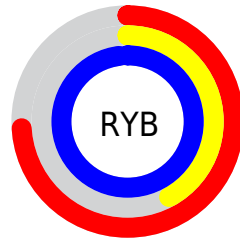
# Distribution



Red (74%)

Green (42%)

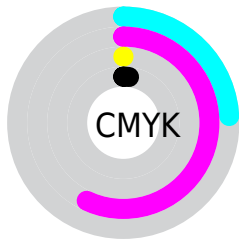
Blue (98%)



Red (74%)

Yellow (42%)

Blue (98%)

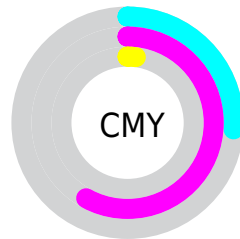


Cyan (24%)

Magenta (57%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (58%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC6BF9 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 BC6BF9 by changing the saturation by 10% instead.



 BC6BF9

 BC6BF9

FFFFFF

 9F50DC

 F7A1FF

 8336C0

 FFBDFE

 6718A4

 FFDAFF


 4A0089

 FFF7FF

 2D006F

 100056

 00003D

 000327

 000110

 BC6BF9

 BC6BF9

 B152F9

 C784F9

 A739F9

 D19DF9

 9C20F9

 DCB6F9

 9107F9

 E7CFF9

 8E00F9

 F1E8F9

 FCFFF9

 FFFFF9

# Harmonies

## Analogous

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



008EFF



BC6BF9



FC42BA

# Triad

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



BC6BF9



CD7F00



00B0B2

# Complementary

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



BC6BF9



A8F96B

# 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.



00AD66



BC6BF9



8F9800

# Square

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



BC6BF9



FA5B2C



31A610



00AEF4

# Rectangle

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



BC6BF9



FF348A



31A610



00AF99



# Sweetspot

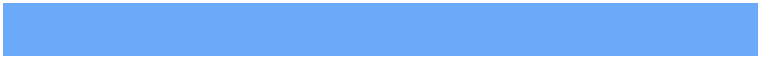
The Sweet Spot groups the original color and five complimentary colors.



BC6BF9



ECD4FF



6BA9F9



756680



000000



808080



# Same Dimension

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



BC6BF9



B552FF



F96BF0



78707D



6C00BD



23003D



# Inverse Universe

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



F96BA8



FF529C



6BF974



7D7076



BD0051

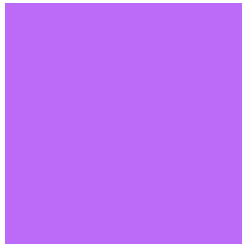


3D001A



# Previews

## White Background



This preview shows how the Hex color BC6BF9 looks on a white background.

## Color Contrast Check

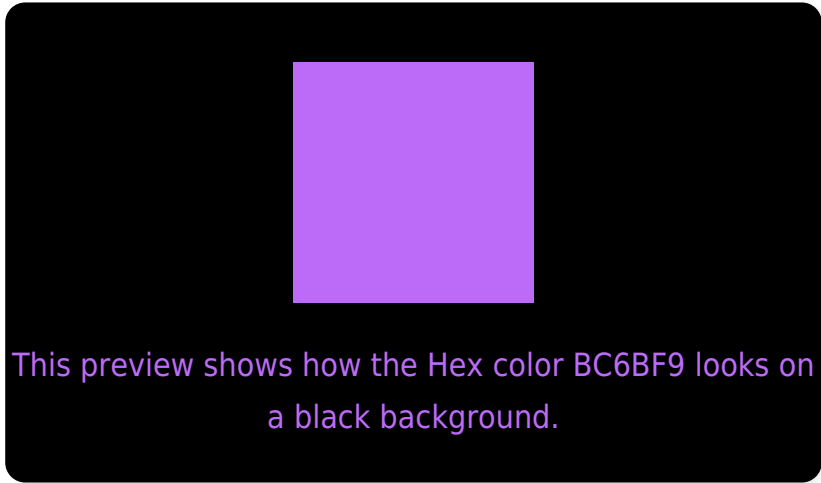
Large Text (above 18pt) WCAG AA ✓ Pass

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

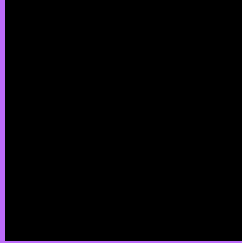
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BC6BF9 Background



This preview shows how black text looks on a background with the Hex color BC6BF9.




This preview shows how white text looks on a background with the Hex color BC6BF9.

# 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



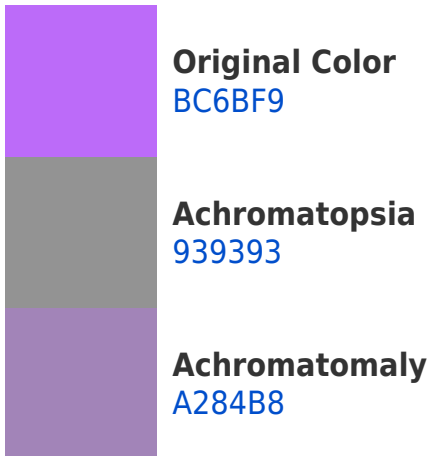


**Tritanopia**  
AA8791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC6BF9 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 #BC6BF9 looks like.

```
.text, #text, p{  
    color:#BC6BF9  
}
```

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 #BC6BF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC6BF9
}
```

## Border

The CSS property to change the border of an element to Hex BC6BF9 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
#BC6BF9 }
```

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

```
.border{ border-color:#BC6BF9 }
```

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

Here you see how a box with a 4 pixel #BC6BF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC6BF9; -webkit-box-shadow:4px 4px  
4px 4px #BC6BF9; box-shadow:4px 4px 4px  
4px #BC6BF9 }
```

# Background

The CSS property to change the background color of an element to Hex BC6BF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC6BF9 }
```

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

```
.background{ background-color:#BC6BF9 }
```

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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