

# Converting Colors

Hex(B07CFC)

Have a look what the booklet for  
Hex(B07CFC) contains.

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# **Color**

**Hex(B07CFC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B07CFC
RGB	176, 124, 252
RGB Percent	69%, 49%, 99%
CMY	0.3098, 0.5137, 0.0118
CMYK	0.30, 0.51, 0.00, 0.01
HSL	264°, 96%, 74%
HSV	264°, 51%, 99%
XYZ	42.6828, 30.6737, 95.7664
YIQ	154.1400, -10.0960, 50.8320

# Conversions

## Conversions Part 2

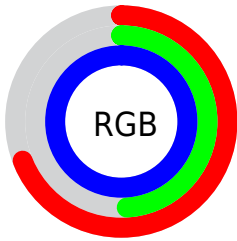
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	176, 124, 252
Decimal	11566332
CIE Lab	62.23, 45.69, -56.74
CIE LCh	62, 72.849, 308.840
Yxy	30.6737, 0.2524, 0.1814
Android (android.graphics.Color)	4289756412 (0xFFB07CFC)
YUV	154.1400, 48.2450, 19.1712
Hunter-Lab	55.3838, 40.6435, -63.7521

# Details

The Hex color **B07CFC** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C8FC7C**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **EAB2FF**, and **7749C3** is the 20% darker color. If you saturate the color by 10%, you get **A163FC**, and if you desaturate by 10%, it is **BF95FC**.

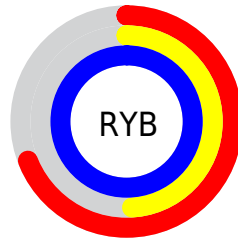
# Distribution



Red (69%)

Green (49%)

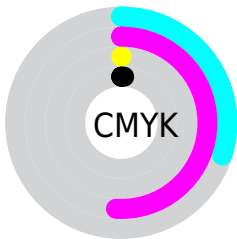
Blue (99%)



Red (69%)

Yellow (49%)

Blue (99%)

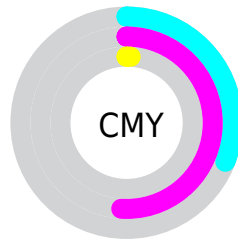


Cyan (30%)

Magenta (51%)

Yellow (0%)

Black (1%)



Cyan (31%)

Magenta (51%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B07CFC 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 B07CFC by changing the saturation by 10% instead.



 B07CFC

 B07CFC

FFFFFF

 9462DF

 EAB2FF

 7749C3

 FFCEFF

 5B31A7

 FFEAFF

 3F188C

 1F0072

 000059

 000040

 000329

 000113

 B07CFC

 B07CFC

 A163FC

 BF95FC

 924AFC

 CEAFC

 8330FC

 DDC8FC

 7417FC

 ECE1FC

 6600FC

 FBFAFC

FFFFFC

# Harmonies

## Analogous

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



0098FF



B07CFC



F15DC7

# Triad

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



B07CFC



D98203



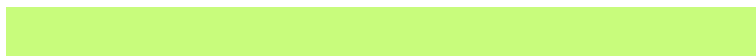
00B4A8

# Complementary

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



B07CFC



C8FC7C

# 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.



00B165



B07CFC



A39A00

# Square

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



B07CFC



FE6548



5CA923



00B2E6

# Rectangle

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



B07CFC



FF519C



5CA923



00B392



# Sweetspot

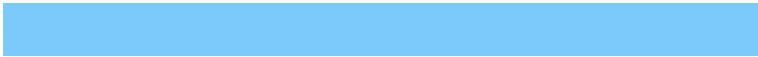
The Sweet Spot groups the original color and five complimentary colors.



B07CFC



E8D9FF



7CC9FC



726980



000000



808080



# Same Dimension

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



B07CFC



A363FF



EF7CFC



76707D



4D00BD



19003D



# Inverse Universe

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



FC7CC8



FF63C0



89FC7C



7D7078



BD0070

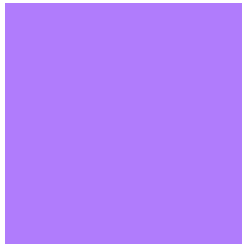


3D0024



# Previews

## White Background



This preview shows how the Hex color B07CFC looks on a white background.

## Color Contrast Check

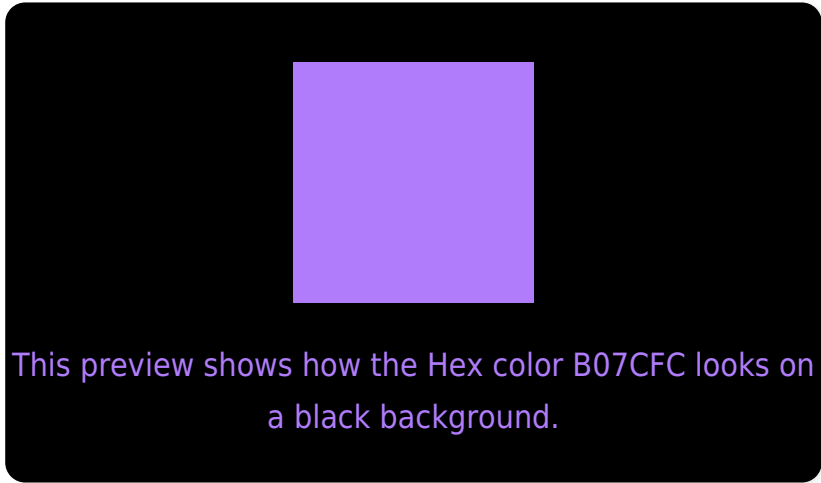
Large Text (above 18pt) WCAG AA × Fail

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

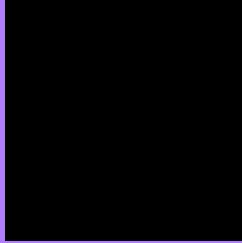
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B07CFC Background



This preview shows how black text looks on a background with the Hex color B07CFC.

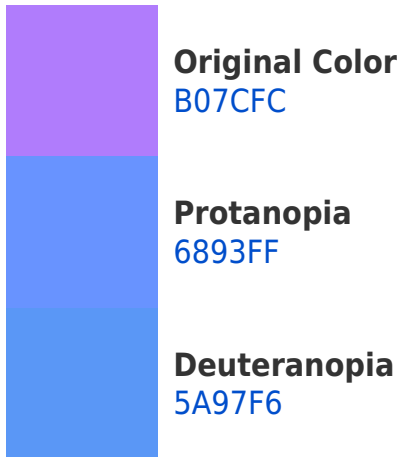


This preview shows how white text looks on a background with the Hex color B07CFC.

# 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**  
9E939E

# Trichromacy



**Original Color**  
B07CFC



**Protanomaly**  
828BFE



**Deuteranomaly**  
798DF8



**Tritanomaly**  
A58BC0

# Monochromacy



**Original Color**  
B07CFC



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
A28FBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B07CFC 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 #B07CFC looks like.

```
.text, #text, p{  
    color:#B07CFC  
}
```

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 #B07CFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B07CFC
}
```

## Border

The CSS property to change the border of an element to Hex B07CFC 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
#B07CFC }
```

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

```
.border{ border-color:#B07CFC }
```

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

Here you see how a box with a 4 pixel #B07CFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B07CFC; -webkit-box-shadow:4px 4px  
4px 4px #B07CFC; box-shadow:4px 4px 4px  
4px #B07CFC }
```

# Background

The CSS property to change the background color of an element to Hex B07CFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B07CFC }
```

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

```
.background{ background-color:#B07CFC }
```

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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