

Converting Colors

Hex(B67BD4)

Have a look what the booklet for
Hex(B67BD4) contains.

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Color

Hex(**B67BD4**)

Conversions

Conversions Part 1

Format	Color
Hex	B67BD4
RGB	182, 123, 212
RGB Percent	71%, 48%, 83%
CMY	0.2863, 0.5176, 0.1686
CMYK	0.14, 0.42, 0.00, 0.17
HSL	280°, 51%, 66%
HSV	280°, 42%, 83%
XYZ	38.2580, 28.8645, 65.8423
YIQ	150.7870, 6.5950, 40.1870

Conversions

Conversions Part 2

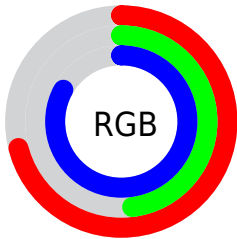
Format	Color
RYB	182, 123, 212
Decimal	11959252
CIELab	60.66, 38.74, -36.95
CIELCh	61, 53.533, 316.351
Yxy	28.8645, 0.2877, 0.2171
Android (android.graphics.Color)	4290149332 (0xFFB67BD4)
YUV	150.7870, 30.1780, 27.3738
Hunter-Lab	53.7257, 33.0899, -35.0536

Details

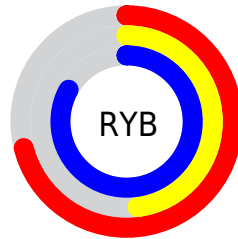
The Hex color **B67BD4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **99D47B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **EFB1FF**, and **7F489D** is the 20% darker color. If you saturate the color by 10%, you get **AF66D4**, and if you desaturate by 10%, it is **BD90D4**.

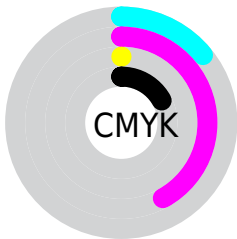
Distribution



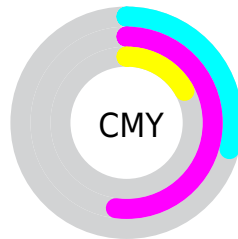
- Red (71%)
- Green (48%)
- Blue (83%)



- Red (71%)
- Yellow (48%)
- Blue (83%)



- Cyan (14%)
- Magenta (42%)
- Yellow (0%)
- Black (17%)



- Cyan (29%)
- Magenta (52%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B67BD4 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 B67BD4 by changing the saturation by 10% instead.

 B67BD4

 B67BD4

FFFFFF

 9A61B8

 EFB1FF

 7F489D

 FFCCFF

 653083

 FFE9FF

 4B1769

 320050

 1E0039

 000222

 000009

 000000

 B67BD4

 B67BD4

 AF66D4

 BD90D4

 A851D4

 C4A5D4

 A13BD4

 CBBBD4

 9926D4

 D3D0D4

 9211D4

 DAE5D4

 8D00D4

 E1FAD4

 E8FFD4

 EFFFFD4

 F6FFD4

Harmonies

Analogous

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



6D8EED



B67BD4



DE6BAA

Triad

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



B67BD4



BE8832



00A9AB

Complementary

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



B67BD4



99D47B

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.



00A87A



B67BD4



939831

Square

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



B67BD4



DD7650



5DA24E



00A6D6

Rectangle

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



B67BD4



E9678A



5DA24E



00A99B

Sweetspot

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



B67BD4



F4DEFF



7B9AD4



796B80



000000



808080

Same Dimension

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



B67BD4



D480FF



D47BC7



67606B



7100AB



1D002B

Inverse Universe

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



D47B99



FF80AA



7BD488



6B6064



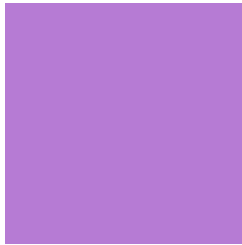
AB003A



2B000F

Previews

White Background



This preview shows how the Hex color B67BD4 looks on a white background.

Color Contrast Check

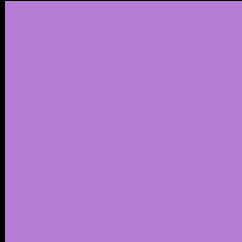
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color B67BD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

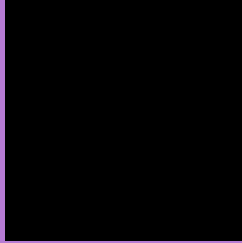
Any Text WCAG AA ✓ Pass

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 B67BD4 Background



This preview shows how black text looks on a background with the Hex color B67BD4.

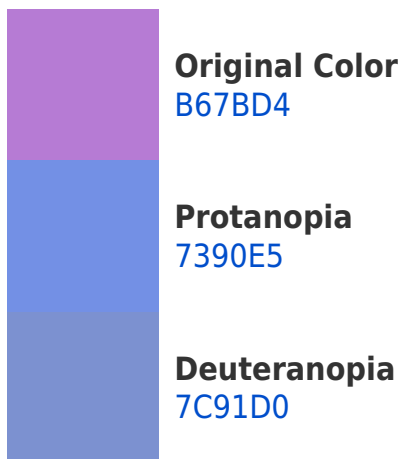


This preview shows how white text looks on a background with the Hex color B67BD4.

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



Trichromacy



Original Color
B67BD4



Protanomaly
8B88DF



Deuteranomaly
9189D1



Tritanomaly
B084AB

Monochromacy



Original Color
B67BD4



Achromatopsia
979797



Achromatomaly
A28DAD

CSS Examples

Text

The CSS property to change the color of the text to Hex B67BD4 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 #B67BD4 looks like.

```
.text, #text, p{  
    color:#B67BD4  
}
```

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 #B67BD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B67BD4
}
```

Border

The CSS property to change the border of an element to Hex B67BD4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

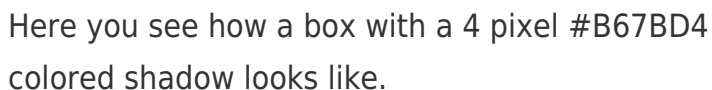
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B67BD4 }
```

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

```
.border{ border-color:#B67BD4 }
```

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



Here you see how a box with a 4 pixel #B67BD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B67BD4; -webkit-box-shadow:4px 4px  
4px 4px #B67BD4; box-shadow:4px 4px 4px  
4px #B67BD4 }
```

Background

The CSS property to change the background color of an element to Hex B67BD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B67BD4 }
```

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

```
.background{ background-color:#B67BD4 }
```

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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