

Converting Colors

Hex(B676EF)

Have a look what the booklet for
Hex(B676EF) contains.

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Color

Hex(B676EF)

Conversions

Conversions Part 1

Format	Color
Hex	B676EF
RGB	182, 118, 239
RGB Percent	71%, 46%, 94%
CMY	0.2863, 0.5373, 0.0627
CMYK	0.24, 0.51, 0.00, 0.06
HSL	272°, 79%, 70%
HSV	272°, 51%, 94%
XYZ	41.3498, 29.1339, 85.1054
YIQ	150.9300, -0.6970, 51.1990

Conversions

Conversions Part 2

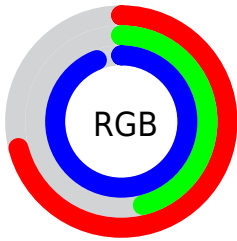
Format	Color
R _Y B	182, 118, 239
Decimal	11957999
CIE Lab	60.90, 47.40, -51.65
CIE LCh	61, 70.099, 312.545
Yxy	29.1339, 0.2658, 0.1872
Android (android.graphics.Color)	4290148079 (0xFFB676EF)
YUV	150.9300, 43.4185, 27.2484
Hunter-Lab	53.9759, 42.2875, -55.7012

Details

The Hex color **B676EF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AFEF76**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F0ACFF**, and **7E43B6** is the 20% darker color. If you saturate the color by 10%, you get **AB5EEF**, and if you desaturate by 10%, it is **C18EEF**.

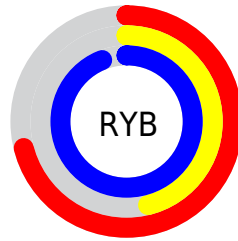
Distribution



Red (71%)

Green (46%)

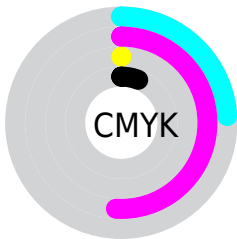
Blue (94%)



Red (71%)

Yellow (46%)

Blue (94%)

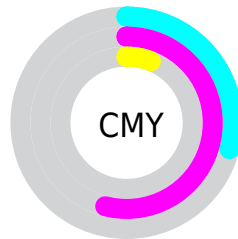


Cyan (24%)

Magenta (51%)

Yellow (0%)

Black (6%)



Cyan (29%)

Magenta (54%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color B676EF 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 B676EF by changing the saturation by 10% instead.

 B676EF

 B676EF

FFFFFF

 9A5CD2

 F0ACFF

 7E43B6


 FFC8FF

 63299B

 FFE4FF

 470D80

 2B0067

 11004E

 000036

 000220

 000004

 B676EF

 B676EF

 AB5EEF

 C18EEF

 9F46EF

 CDA6EF

 942EEF

 D8BEEF

 8916EF

 E3D6EF

 7E00EF

 EEEDEF

 FAFFEF

 FFFFEF

Harmonies

Analogous

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



2E92FF



B676EF



EF5ABA

Triad

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



B676EF



CD8300



00AFAC

Complementary

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



B676EF



AFEF76

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.



00AD6B



B676EF



989800

Square

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



B676EF



F36741



50A62D



00ADE6

Rectangle

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



B676EF



FF5190



50A62D



00AF97

Sweetspot

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



B676EF



EDD9FF



76B0EF



756980



000000



808080

Same Dimension

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



B676EF



B663FF



EF76ED



726C78



6100B8



1E0038

Inverse Universe

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



EF76AF



FF63AD



76EF78



786C72



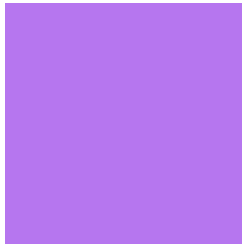
B80056



38001A

Previews

White Background



This preview shows how the Hex color B676EF looks on a white background.

Color Contrast Check

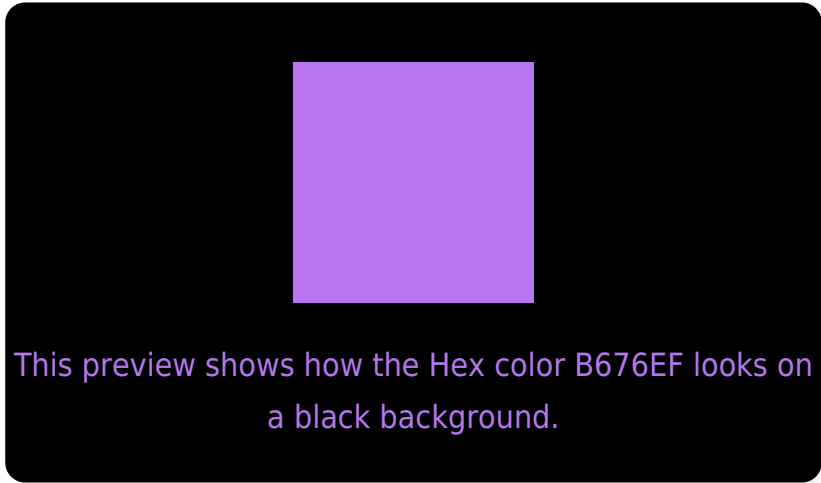
Large Text (above 18pt) WCAG AA ✓ Pass

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

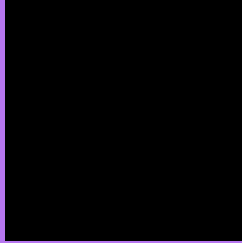
Any Text WCAG AA ✓ Pass

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 B676EF Background



This preview shows how black text looks on a background with the Hex color B676EF.

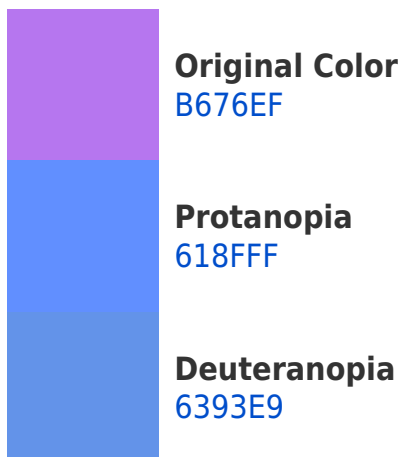



This preview shows how white text looks on a background with the Hex color B676EF.

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



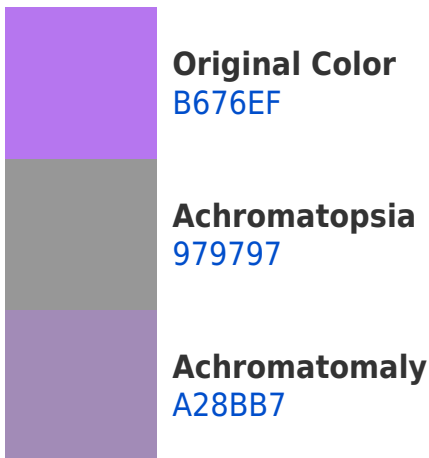


Tritanopia
A78C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B676EF 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 #B676EF looks like.

```
.text, #text, p{  
    color:#B676EF  
}
```

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 #B676EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B676EF
}
```

Border

The CSS property to change the border of an element to Hex B676EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

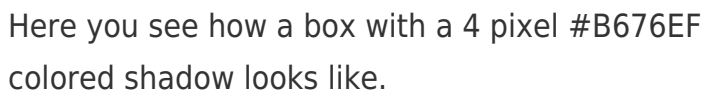
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B676EF }
```

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

```
.border{ border-color:#B676EF }
```

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



Here you see how a box with a 4 pixel #B676EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B676EF; -webkit-box-shadow:4px 4px  
4px 4px #B676EF; box-shadow:4px 4px 4px  
4px #B676EF }
```

Background

The CSS property to change the background color of an element to Hex B676EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B676EF }
```

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

```
.background{ background-color:#B676EF }
```

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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