

# Converting Colors

Hex(B66FC2)

Have a look what the booklet for  
Hex(B66FC2) contains.

<b>Hex(B66FC2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B66FC2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B66FC2
RGB	182, 111, 194
RGB Percent	71%, 44%, 76%
CMY	0.2863, 0.5647, 0.2392
CMYK	0.06, 0.43, 0.00, 0.24
HSL	291°, 40%, 60%
HSV	291°, 43%, 76%
XYZ	34.7134, 25.2090, 54.0752
YIQ	141.6910, 15.6730, 40.8650

# Conversions

## Conversions Part 2

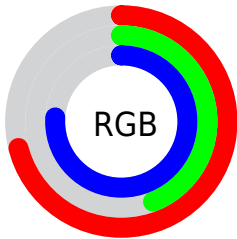
Format	Color
<a href="#">RYB</a>	<a href="#">182, 111, 194</a>
Decimal	<a href="#">11956162</a>
CIELab	<a href="#">57.28, 41.55, -32.04</a>
CIELCh	<a href="#">57, 52.466, 322.360</a>
Yxy	<a href="#">25.2090, 0.3045, 0.2211</a>
Android (android.graphics.Color)	<a href="#">4290146242 (0xFFB66FC2)</a>
YUV	<a href="#">141.6910, 25.7883, 35.3510</a>
Hunter-Lab	<a href="#">50.2086, 35.5472, -28.7100</a>

# Details

The Hex color **B66FC2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7BC26F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **EFA4FB**, and **7F3C8C** is the 20% darker color. If you saturate the color by 10%, you get **B35CC2**, and if you desaturate by 10%, it is **B982C2**.

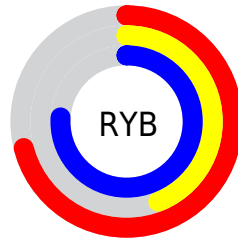
# Distribution



Red (71%)

Green (44%)

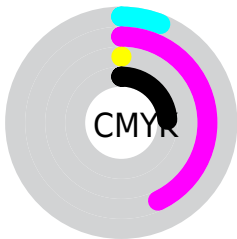
Blue (76%)



Red (71%)

Yellow (44%)

Blue (76%)

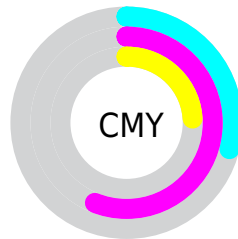


Cyan (6%)

Magenta (43%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (56%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B66FC2 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 B66FC2 by changing the saturation by 10% instead.



 B66FC2

 B66FC2

FFFFFF

 9A55A7

 EFA4FB

 7F3C8C

 FFC0FF

 652372

 FFDCFF

 4B0659

 FFF9FF

 320041

 1D002B

 000115

 000000

 B66FC2

 B66FC2

 B35CC2

 B982C2

 B048C2

 BC96C2

 AE35C2

 BEA9C2

 AB21C2

 C1BDC2

 A80EC2

 C4D0C2

 A600C2

 C7E3C2

 CAF7C2

 CCFFC2

 CFFFC2

# Harmonies

## Analogous

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



7682DE



B66FC2



D76197

# Triad

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



B66FC2



AC8329



00A0AB

# Complementary

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



B66FC2



7BC26F

# 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.



009F7C



B66FC2



81912E

# Square

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



B66FC2



CD7142



489B4F



009CD1

# Rectangle

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



B66FC2



DE6078



489B4F



00A09C



# Sweetspot

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



B66FC2



F8DCFC



6F7BC2



7D6B80



000000



808080



# Same Dimension

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



B66FC2



EA7CFC



C26FA5



5F5761



8900A1



1C0021



# Inverse Universe

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



C26F7B



FC7C8E



6FC28C



615759



A10017

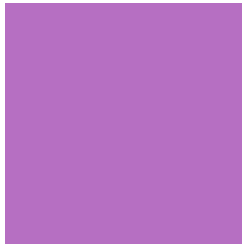


210005



# Previews

## White Background



This preview shows how the Hex color B66FC2 looks on a white background.

## Color Contrast Check

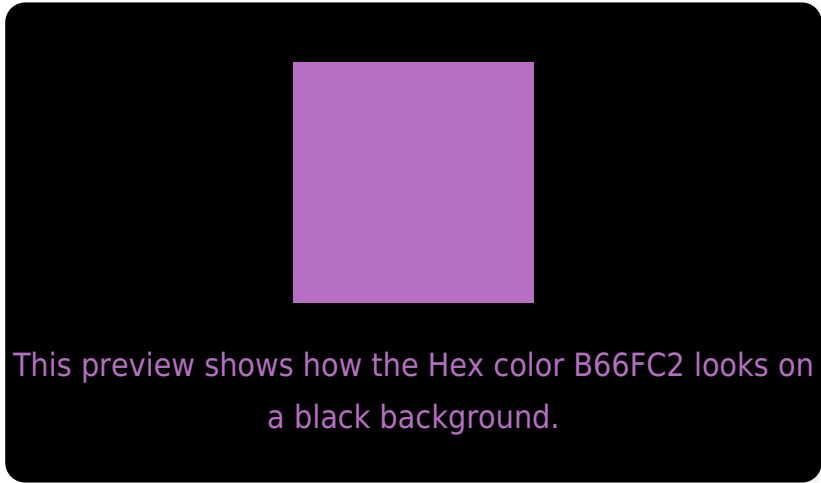
Large Text (above 18pt) WCAG AA ✓ Pass

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

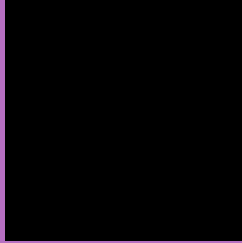
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B66FC2 Background



This preview shows how black text looks on a background with the Hex color B66FC2.

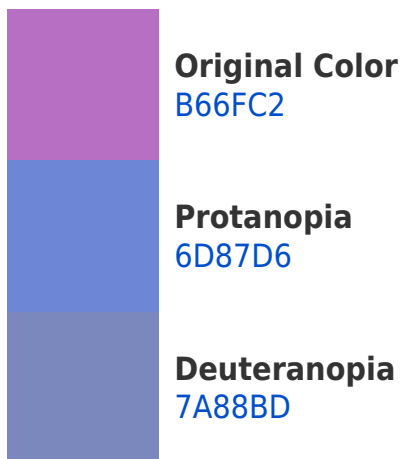



This preview shows how white text looks on a background with the Hex color B66FC2.

# 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](#).

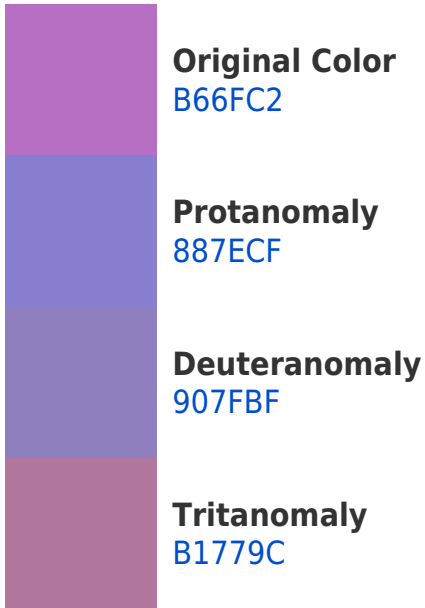
## Dichromacy



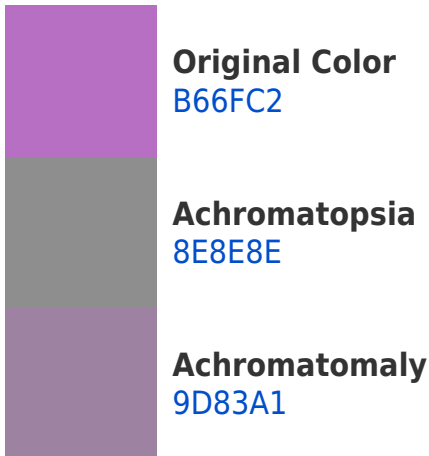


**Tritanopia**  
AE7C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B66FC2 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 #B66FC2 looks like.

```
.text, #text, p{  
    color:#B66FC2  
}
```

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 #B66FC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B66FC2
}
```

## Border

The CSS property to change the border of an element to Hex B66FC2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

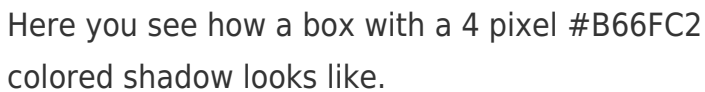
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B66FC2 }
```

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

```
.border{ border-color:#B66FC2 }
```

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



Here you see how a box with a 4 pixel #B66FC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B66FC2; -webkit-box-shadow:4px 4px  
4px 4px #B66FC2; box-shadow:4px 4px 4px  
4px #B66FC2 }
```

# Background

The CSS property to change the background color of an element to Hex B66FC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B66FC2 }
```

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

```
.background{ background-color:#B66FC2 }
```

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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