

# Converting Colors

Hex(B85FB5)

Have a look what the booklet for  
Hex(B85FB5) contains.

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# Color

Hex(B85FB5)

# Conversions

## Conversions Part 1

Format	Color
Hex	B85FB5
RGB	184, 95, 181
RGB Percent	72%, 37%, 71%
CMY	0.2784, 0.6275, 0.2902
CMYK	0.00, 0.48, 0.02, 0.28
HSL	302°, 39%, 55%
HSV	302°, 48%, 72%
XYZ	32.1999, 21.7110, 46.2096
YIQ	131.4150, 25.4380, 45.6140

# Conversions

## Conversions Part 2

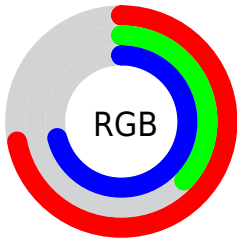
Format	Color
<a href="#">RYB</a>	<a href="#">184, 95, 181</a>
Decimal	<a href="#">12083125</a>
CIELab	<a href="#">53.72, 48.05, -30.09</a>
CIELCh	<a href="#">54, 56.692, 327.939</a>
Yxy	<a href="#">21.7110, 0.3216, 0.2168</a>
Android (android.graphics.Color)	<a href="#">4290273205</a> ( <a href="#">0xFFB85FB5</a> )
YUV	<a href="#">131.4150, 24.4454, 46.1170</a>
Hunter-Lab	<a href="#">46.5950, 41.8126, -26.1830</a>

# Details

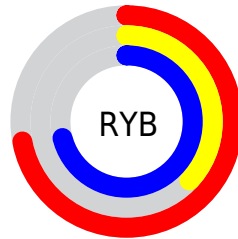
The Hex color **B85FB5** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **5FB862**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **F294ED**, and **812A80** is the 20% darker color. If you saturate the color by 10%, you get **B84DB4**, and if you desaturate by 10%, it is **B871B6**.

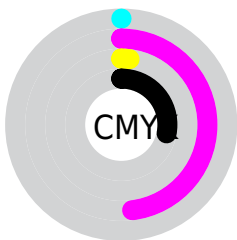
# Distribution



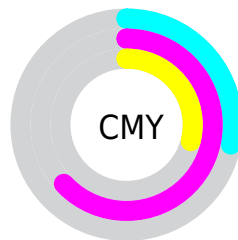
- Red (72%)
- Green (37%)
- Blue (71%)



- Red (72%)
- Yellow (37%)
- Blue (71%)



- Cyan (0%)
- Magenta (48%)
- Yellow (2%)
- Black (28%)



- Cyan (28%)
- Magenta (63%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B85FB5 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 B85FB5 by changing the saturation by 10% instead.



 B85FB5

 B85FB5

FFFFFF

 9C459A

 F294ED

 812A80

 FFBOFF

 660A66

 FFCCFF

 4C004E

 FFE9FF

 340037

 190021

 000005

 000000

 B85FB5

 B85FB5

 B84DB4

 B871B6

 B83AB4

 B884B6

 B828B3

 B896B7

 B815B3

 B8A9B7

 B803B2

 B8BBB8

 B800B2

 B8CDB9

 B8E0B9

 B8F2BA

 B8FFBB

# Harmonies

## Analogous

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



7A75D7



B85FB5



D55186

# Triad

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



B85FB5



9C7D0E



0097AD

# Complementary

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



B85FB5



5FB862

# 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.



00977B



B85FB5



6C8B1F

# Square

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



B85FB5



C16A2C



1E934A



0092D3

# Rectangle

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



B85FB5



D85265



1E934A



00979D



# Sweetspot

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



B85FB5



F0CCEE



625FB8



786277



F7F7F7



787878



# Same Dimension

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



B85FB5



F065EB



B85F89



5C535B



9C0096



1C001B



# Inverse Universe

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



B85FB5



F065EB



5FB88E



5C535B



9C0096



1C001B



# Previews

## White Background



This preview shows how the Hex color B85FB5 looks on a white background.

## Color Contrast Check

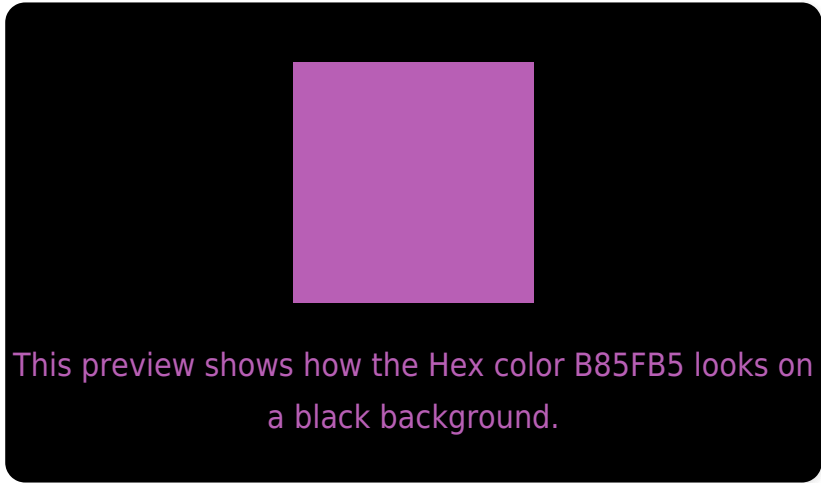
Large Text (above 18pt) WCAG AA ✓ Pass

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

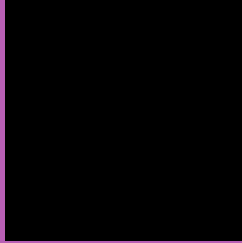
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B85FB5 Background



This preview shows how black text looks on a background with the Hex color B85FB5.

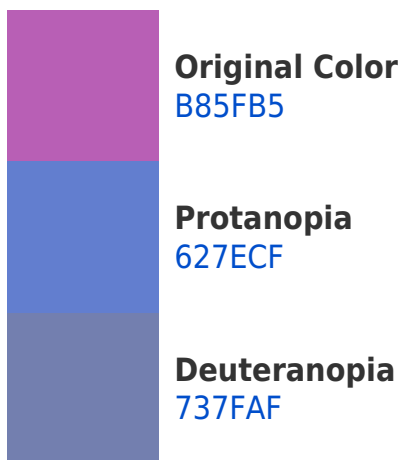


This preview shows how white text looks on a background with the Hex color B85FB5.

# 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](#).

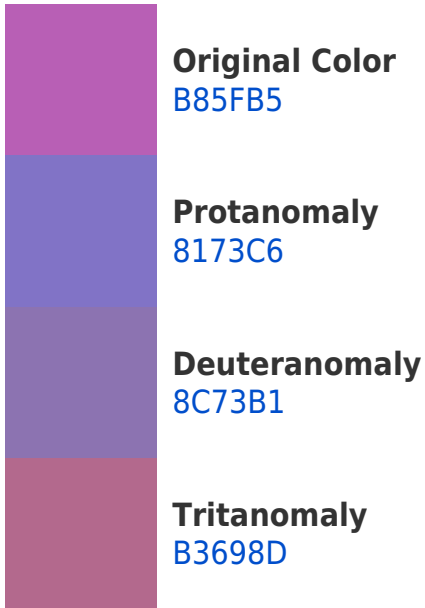
## Dichromacy





**Tritanopia**  
B06E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B85FB5 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 #B85FB5 looks like.

```
.text, #text, p{  
    color:#B85FB5  
}
```

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 #B85FB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B85FB5 }  
}
```

## Border

The CSS property to change the border of an element to Hex B85FB5 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 #B85FB5 }  
}
```

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

```
.border{ border-color:#B85FB5 }
```

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

Here you see how a box with a 4 pixel #B85FB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B85FB5; -webkit-box-shadow:4px 4px  
4px 4px #B85FB5; box-shadow:4px 4px 4px  
4px #B85FB5 }
```

# Background

The CSS property to change the background color of an element to Hex B85FB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B85FB5 }
```

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

```
.background{ background-color:#B85FB5 }
```

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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