

Converting Colors

Hex(B85BB2)

Have a look what the booklet for
Hex(B85BB2) contains.

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Color

Hex(**B85BB2**)

Conversions

Conversions Part 1

Format	Color
Hex	B85BB2
RGB	184, 91, 178
RGB Percent	72%, 36%, 70%
CMY	0.2784, 0.6431, 0.3020
CMYK	0.00, 0.51, 0.03, 0.28
HSL	304°, 40%, 54%
HSV	304°, 51%, 72%
XYZ	31.5441, 20.8869, 44.4885
YIQ	128.7250, 27.5010, 46.7730

Conversions

Conversions Part 2

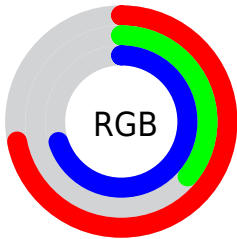
Format	Color
RYB	184, 91, 178
Decimal	12082098
CIELab	52.83, 49.51, -29.74
CIELCh	53, 57.761, 329.006
Yxy	20.8869, 0.3255, 0.2155
Android (android.graphics.Color)	4290272178 (0xFFB85BB2)
YUV	128.7250, 24.2926, 48.4762
Hunter-Lab	45.7022, 43.2239, -25.7240

Details

The Hex color **B85BB2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **5BB861**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **F291EA**, and **81257D** is the 20% darker color. If you saturate the color by 10%, you get **B849B1**, and if you desaturate by 10%, it is **B86DB3**.

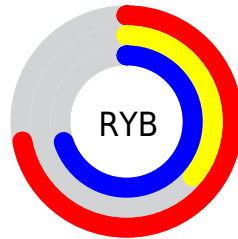
Distribution



Red (72%)

Green (36%)

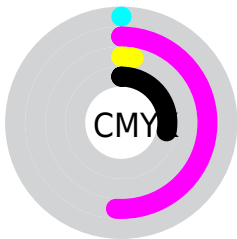
Blue (70%)



Red (72%)

Yellow (36%)

Blue (70%)

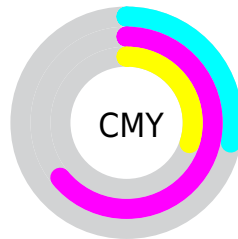


Cyan (0%)

Magenta (51%)

Yellow (3%)

Black (28%)



Cyan (28%)

Magenta (64%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color B85BB2 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 B85BB2 by changing the saturation by 10% instead.


 B85BB2

 B85BB2

FFFFFF

 9C4197

 F291EA

 81257D

 FFACFF

 660164

 FFC8FF

 4C004B

 FFE5FF

 340034

 17001E

 000000

 B85BB2

 B85BB2

 B849B1

 B86DB3

 B836B0

 B880B4

 B824AE

 B892B6

 B811AD

 B8A5B7

 B800AC

 B8B7B8

 B8C9B9

 B8DCBA

 B8EEBB

 B8FFBD

Harmonies

Analogous

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



7A72D5



B85BB2



D44D82

Triad

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



B85BB2



987B04



0095AD

Complementary

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



B85BB2



5BB861

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.



00957B



B85BB2



67891B

Square

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



B85BB2



BE6826



0B9148



0090D3

Rectangle

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



B85BB2



D74F61



0B9148



00959D

Sweetspot

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



B85BB2



F0CCED



605BB8



786276



F7F7F7



787878

Same Dimension

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



B85BB2



F05DE6



B85B85



5C535B



9C0092



1C001A

Inverse Universe

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



B85BB2



F05DE6



5BB88E



5C535B



9C0092



1C001A

Previews

White Background



This preview shows how the Hex color B85BB2 looks on a white background.

Color Contrast Check

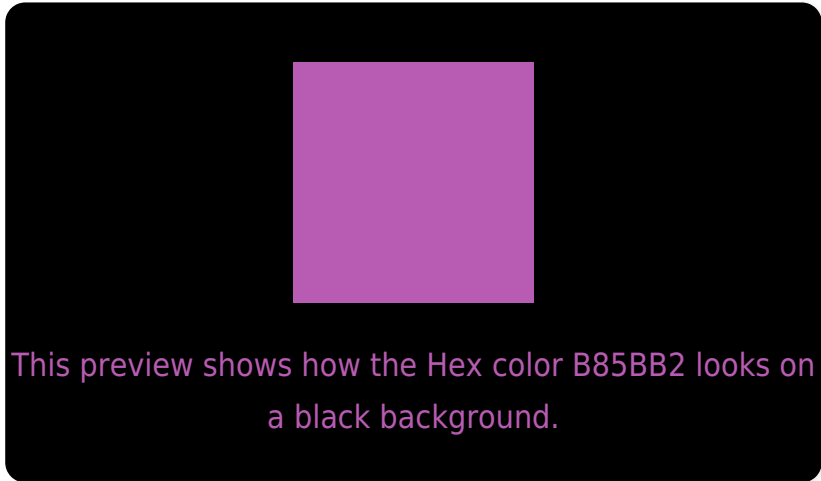
Large Text (above 18pt) WCAG AA ✓ Pass

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

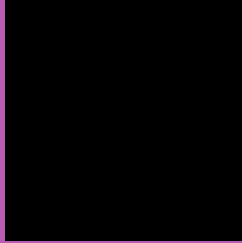
Any Text WCAG AA ✓ Pass

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 B85BB2 Background



This preview shows how black text looks on a background with the Hex color B85BB2.

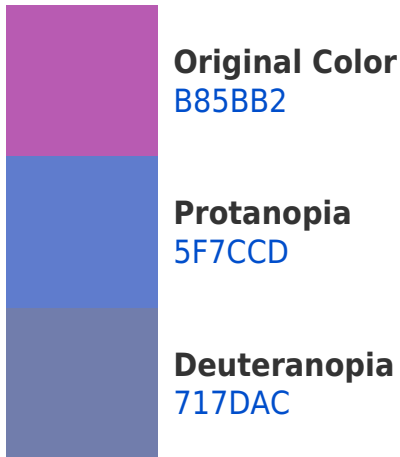


This preview shows how white text looks on a background with the Hex color B85BB2.

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](#).

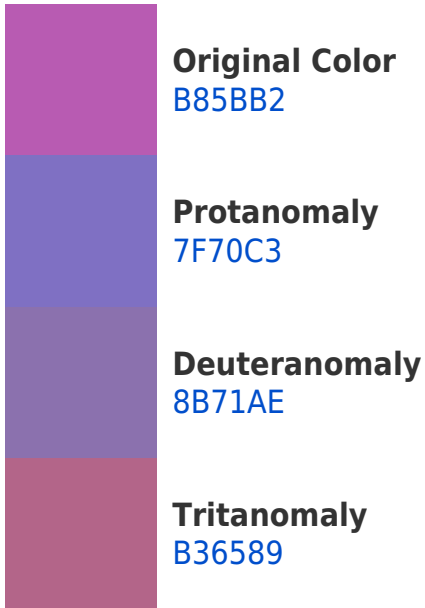
Dichromacy





Tritanopia
B06A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B85BB2 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 #B85BB2 looks like.

```
.text, #text, p{  
    color:#B85BB2  
}
```

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 #B85BB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B85BB2
}
```

Border

The CSS property to change the border of an element to Hex B85BB2 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
#B85BB2 }
```

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

```
.border{ border-color:#B85BB2 }
```

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

Here you see how a box with a 4 pixel #B85BB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B85BB2; -webkit-box-shadow:4px 4px  
4px 4px #B85BB2; box-shadow:4px 4px 4px  
4px #B85BB2 }
```

Background

The CSS property to change the background color of an element to Hex B85BB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B85BB2 }
```

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

```
.background{ background-color:#B85BB2 }
```

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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