

Converting Colors

Hex(B86BC8)

Have a look what the booklet for
Hex(B86BC8) contains.

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Color

Hex(B86BC8)

Conversions

Conversions Part 1

Format	Color
Hex	B86BC8
RGB	184, 107, 200
RGB Percent	72%, 42%, 78%
CMY	0.2784, 0.5804, 0.2157
CMYK	0.08, 0.46, 0.00, 0.22
HSL	290°, 46%, 60%
HSV	290°, 46%, 78%
XYZ	35.4502, 24.8759, 57.5767
YIQ	140.6250, 16.0390, 45.2470

Conversions

Conversions Part 2

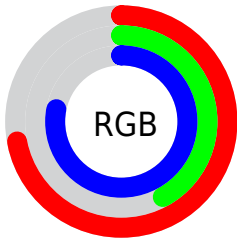
Format	Color
RYB	184, 107, 200
Decimal	12086216
CIELab	56.95, 45.45, -35.95
CIELCh	57, 57.951, 321.661
Yxy	24.8759, 0.3007, 0.2110
Android (android.graphics.Color)	4290276296 (0xFFB86BC8)
YUV	140.6250, 29.2719, 38.0399
Hunter-Lab	49.8757, 39.5900, -33.5316

Details

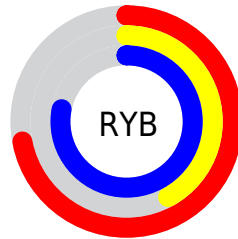
The Hex color **B86BC8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7BC86B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **F2A0FF**, and **813892** is the 20% darker color. If you saturate the color by 10%, you get **B557C8**, and if you desaturate by 10%, it is **BB7FC8**.

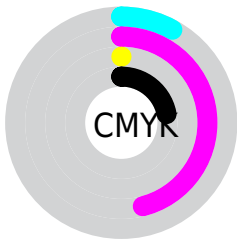
Distribution



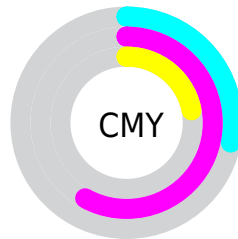
- Red (72%)
- Green (42%)
- Blue (78%)



- Red (72%)
- Yellow (42%)
- Blue (78%)



- Cyan (8%)
- Magenta (46%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (58%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B86BC8 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 B86BC8 by changing the saturation by 10% instead.

 B86BC8

 B86BC8

FFFFFF

 9C51AC

 F2A0FF

 813892

 FFBCFF

 661D78

 FFD8FF

 4C005E

 FFF5FF

 330046

 1D002F

 000119

 000000

 B86BC8

 B86BC8

 B557C8

 BB7FC8

 B143C8

 BF93C8

 AE2FC8

 C2A7C8

 AA1BC8

 C6BBC8

 A707C8

 C9CFC8

 A600C8

 CDE3C8

 D0F7C8

 D4FFC8

 D7FFC8

Harmonies

Analogous

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



6F81E7



B86BC8



DD5A99

Triad

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



B86BC8



AE8119



00A1AD

Complementary

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



B86BC8



7BC86B

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.



00A078



B86BC8



7F911F

Square

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



B86BC8



D26D3A



3E9B46



009DD7

Rectangle

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



B86BC8



E45877



3E9B46



00A19C

Sweetspot

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



B86BC8



F9DBFF



6B7CC8



7C6A80



000000



808080

Same Dimension

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



B86BC8



E670FF



C86BAB



625A63



8700A3



1E0024

Inverse Universe

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



C86B7B



FF7089



6BC888



635A5B



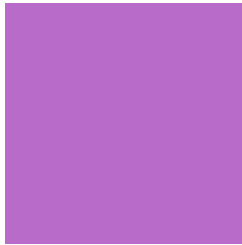
A3001C



240006

Previews

White Background



This preview shows how the Hex color B86BC8 looks on a white background.

Color Contrast Check

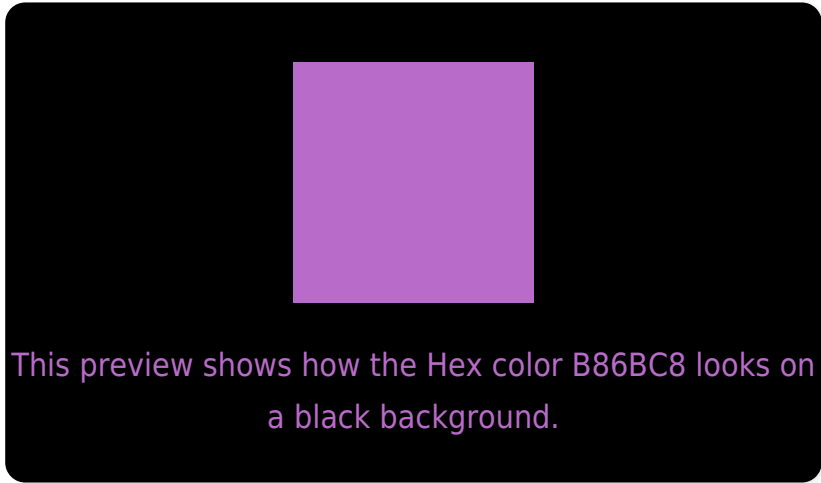
Large Text (above 18pt) WCAG AA ✓ Pass

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

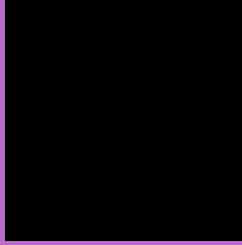
Any Text WCAG AA ✓ Pass

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 B86BC8 Background



This preview shows how black text looks on a background with the Hex color B86BC8.

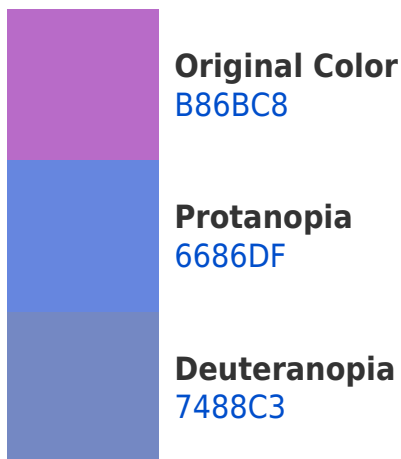


This preview shows how white text looks on a background with the Hex color B86BC8.

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](#).

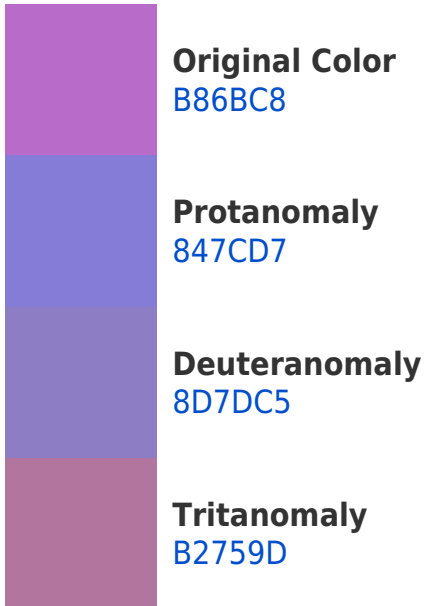
Dichromacy





Tritanopia
AF7B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B86BC8 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 #B86BC8 looks like.

```
.text, #text, p{  
    color:#B86BC8  
}
```

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 #B86BC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86BC8
}
```

Border

The CSS property to change the border of an element to Hex B86BC8 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
#B86BC8 }
```

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

```
.border{ border-color:#B86BC8 }
```

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

Here you see how a box with a 4 pixel #B86BC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86BC8; -webkit-box-shadow:4px 4px  
4px 4px #B86BC8; box-shadow:4px 4px 4px  
4px #B86BC8 }
```

Background

The CSS property to change the background color of an element to Hex B86BC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86BC8 }
```

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

```
.background{ background-color:#B86BC8 }
```

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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