

Converting Colors

Hex(B86BC9)

Have a look what the booklet for
Hex(B86BC9) contains.

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Color

Hex(**B86BC9**)

Conversions

Conversions Part 1

Format	Color
Hex	B86BC9
RGB	184, 107, 201
RGB Percent	72%, 42%, 79%
CMY	0.2784, 0.5804, 0.2118
CMYK	0.08, 0.47, 0.00, 0.21
HSL	289°, 47%, 60%
HSV	289°, 47%, 79%
XYZ	35.5675, 24.9228, 58.1943
YIQ	140.7390, 15.7180, 45.5580

Conversions

Conversions Part 2

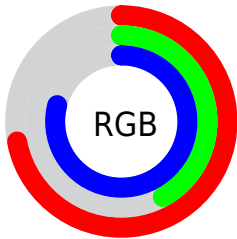
Format	Color
RYB	184, 107, 201
Decimal	12086217
CIELab	57.00, 45.65, -36.44
CIELCh	57, 58.416, 321.400
Yxy	24.9228, 0.2997, 0.2100
Android (android.graphics.Color)	4290276297 (0xFFB86BC9)
YUV	140.7390, 29.7087, 37.9399
Hunter-Lab	49.9227, 39.8077, -34.1677

Details

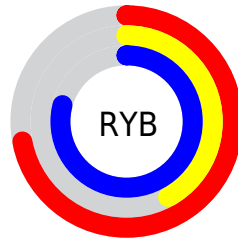
The Hex color **B86BC9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7CC96B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **F2A0FF**, and **813893** is the 20% darker color. If you saturate the color by 10%, you get **B457C9**, and if you desaturate by 10%, it is **BC7FC9**.

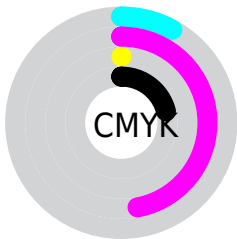
Distribution



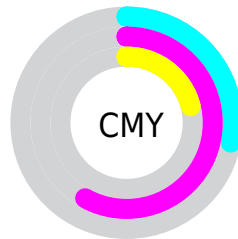
- Red (72%)
- Green (42%)
- Blue (79%)



- Red (72%)
- Yellow (42%)
- Blue (79%)



- Cyan (8%)
- Magenta (47%)
- Yellow (0%)
- Black (21%)



- Cyan (28%)
- Magenta (58%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color B86BC9 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 B86BC9 by changing the saturation by 10% instead.

 B86BC9

 B86BC9

FFFFFF

 9C51AD

 F2A0FF

 813893

 FFBCFF

 661D78

 FFD8FF

 4C005F

 FFF5FF

 330047

 1D0030

 00011A

 000000

 B86BC9

 B86BC9

 B457C9

 BC7FC9

 B143C9

 BF93C9

 AD2FC9

 C3A7C9

 A91BC9

 C7BBC9

 A606C9

 CAD0C9

 A500C9

 CEE4C9

 D1F8C9

 D5FFC9

 D9FFC9

Harmonies

Analogous

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



6D81E8



B86BC9



DD599A

Triad

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



B86BC9



AF8118



00A1AD

Complementary

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



B86BC9



7CC96B

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



B86BC9



80911D

Square

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



B86BC9



D36D3A



3E9B45



009DD8

Rectangle

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



B86BC9



E55877



3E9B45



00A19B

Sweetspot

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



B86BC9



F9DBFF



6B7CC9



7C6A80



000000



808080

Same Dimension

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



B86BC9



E570FF



C96BAB



625A63



8600A3



1D0024

Inverse Universe

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



C96B7C



FF708A



6BC989



635A5B



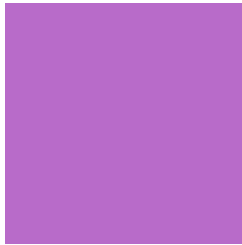
A3001E



240006

Previews

White Background



This preview shows how the Hex color B86BC9 looks on a white background.

Color Contrast Check

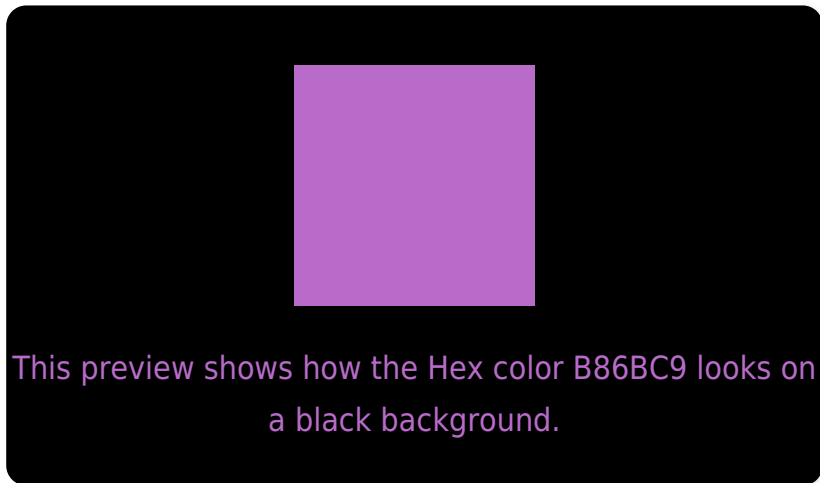
Large Text (above 18pt) WCAG AA ✓ Pass

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 B86BC9 Background



This preview shows how black text looks on a background with the Hex color B86BC9.

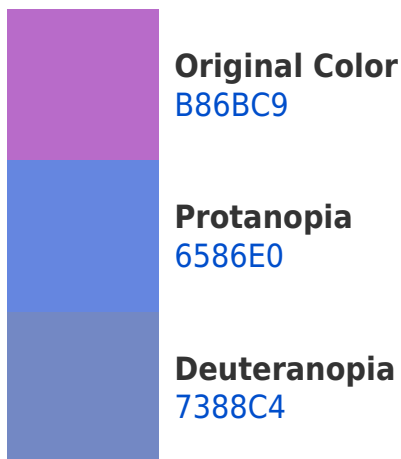


This preview shows how white text looks on a background with the Hex color B86BC9.

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](#).

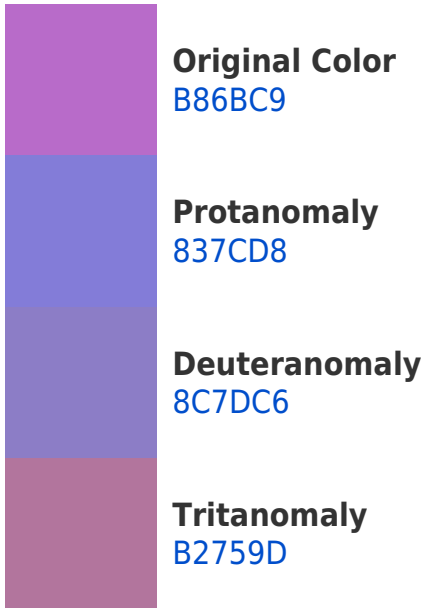
Dichromacy





Tritanopia
AE7B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B86BC9 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 #B86BC9 looks like.

```
.text, #text, p{  
    color:#B86BC9  
}
```

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 #B86BC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86BC9
}
```

Border

The CSS property to change the border of an element to Hex B86BC9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

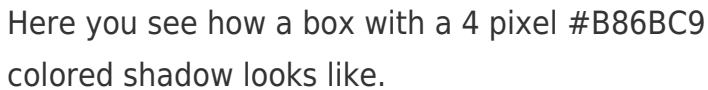
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B86BC9 }
```

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

```
.border{ border-color:#B86BC9 }
```

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



Here you see how a box with a 4 pixel #B86BC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86BC9; -webkit-box-shadow:4px 4px  
4px 4px #B86BC9; box-shadow:4px 4px 4px  
4px #B86BC9 }
```

Background

The CSS property to change the background color of an element to Hex B86BC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86BC9 }
```

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

```
.background{ background-color:#B86BC9 }
```

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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