

Converting Colors

Hex(BB6ED9)

Have a look what the booklet for
Hex(BB6ED9) contains.

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Color

Hex(**BB6ED9**)

Conversions

Conversions Part 1

Format	Color
Hex	BB6ED9
RGB	187, 110, 217
RGB Percent	73%, 43%, 85%
CMY	0.2667, 0.5686, 0.1490
CMYK	0.14, 0.49, 0.00, 0.15
HSL	283°, 58%, 64%
HSV	283°, 49%, 85%
XYZ	38.5938, 26.7264, 68.7702
YIQ	145.2210, 11.5450, 49.6010

Conversions

Conversions Part 2

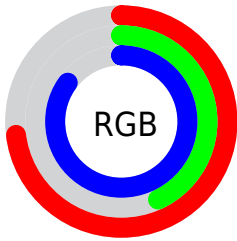
Format	Color
RYB	187, 110, 217
Decimal	12283609
CIELab	58.72, 48.18, -42.77
CIELCh	59, 64.425, 318.405
Yxy	26.7264, 0.2878, 0.1993
Android (android.graphics.Color)	4290473689 (0xFFBB6ED9)
YUV	145.2210, 35.3870, 36.6402
Hunter-Lab	51.6976, 42.7849, -42.6816

Details

The Hex color **BB6ED9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8CD96E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **F5A4FF**, and **833AA2** is the 20% darker color. If you saturate the color by 10%, you get **B558D9**, and if you desaturate by 10%, it is **C184D9**.

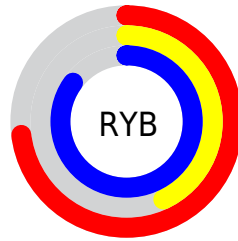
Distribution



Red (73%)

Green (43%)

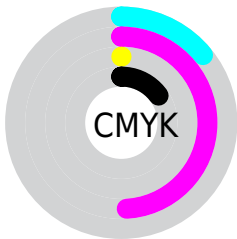
Blue (85%)



Red (73%)

Yellow (43%)

Blue (85%)

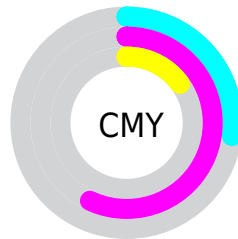


Cyan (14%)

Magenta (49%)

Yellow (0%)

Black (15%)



Cyan (27%)

Magenta (57%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB6ED9 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 BB6ED9 by changing the saturation by 10% instead.

 BB6ED9

 BB6ED9

FFFFFF

 9F54BD

 F5A4FF

 833AA2

 FFC0FF

 682087

 FFDCFF

 4E006D

 FFF9FF

 340054

 1E003D

 000226

 00010E

 000000

 BB6ED9

 BB6ED9

 B558D9

 C184D9

 AF43D9

 C799D9

 A92DD9

 CDAFD9

 A317D9

 D3C5D9

 9D02D9

 D9DBD9

 9C00D9

 E0F0D9

 E6FFD9

 ECFFD9

 F2FFD9

Harmonies

Analogous

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



5F88F9



BB6ED9



E857A6

Triad

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



BB6ED9



BB8307



00A8AF

Complementary

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



BB6ED9



8CD96E

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.



00A675



BB6ED9



889506

Square

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



BB6ED9



E16B39



41A03C



00A4E1

Rectangle

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



BB6ED9



F25480



41A03C



00A89C

Sweetspot

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



BB6ED9



F4D9FF



6E8CD9



796980



000000



808080

Same Dimension

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



BB6ED9



D569FF



D96EC2



6B636E



7D00AD



21002E

Inverse Universe

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



D96E8C



FF6993



6ED985



6E6366



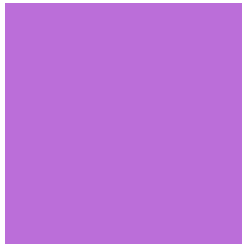
AD0031



2E000D

Previews

White Background



This preview shows how the Hex color BB6ED9 looks on a white background.

Color Contrast Check

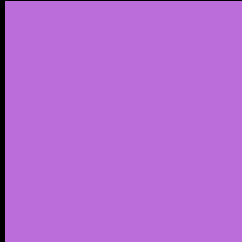
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color BB6ED9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

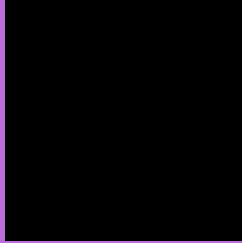
Any Text WCAG AA ✓ Pass

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 BB6ED9 Background



This preview shows how black text looks on a background with the Hex color BB6ED9.

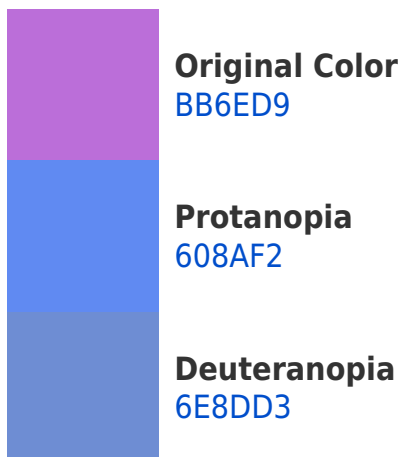



This preview shows how white text looks on a background with the Hex color BB6ED9.

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](#).

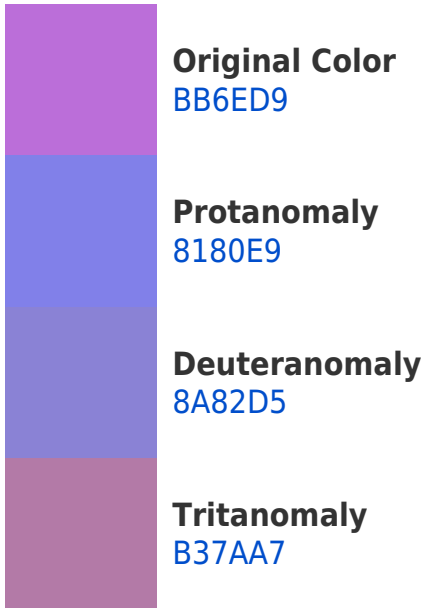
Dichromacy



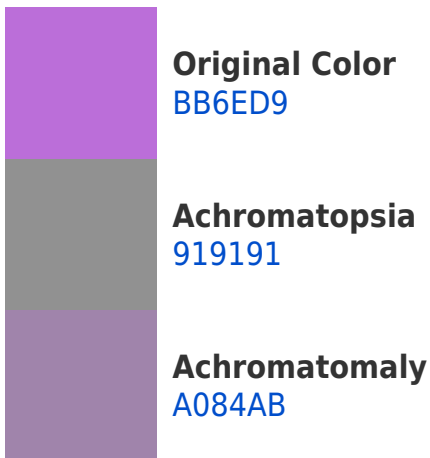


Tritanopia
AF818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB6ED9 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 #BB6ED9 looks like.

```
.text, #text, p{  
    color:#BB6ED9  
}
```

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 #BB6ED9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB6ED9
}
```

Border

The CSS property to change the border of an element to Hex BB6ED9 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
#BB6ED9 }
```

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

```
.border{ border-color:#BB6ED9 }
```

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

Here you see how a box with a 4 pixel #BB6ED9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB6ED9; -webkit-box-shadow:4px 4px  
4px 4px #BB6ED9; box-shadow:4px 4px 4px  
4px #BB6ED9 }
```

Background

The CSS property to change the background color of an element to Hex BB6ED9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB6ED9 }
```

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

```
.background{ background-color:#BB6ED9 }
```

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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