

# Converting Colors

Hex(B577B7)

Have a look what the booklet for  
Hex(B577B7) contains.

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# **Color**

**Hex(B577B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B577B7
RGB	181, 119, 183
RGB Percent	71%, 47%, 72%
CMY	0.2902, 0.5333, 0.2824
CMYK	0.01, 0.35, 0.00, 0.28
HSL	298°, 31%, 59%
HSV	298°, 35%, 72%
XYZ	34.2001, 26.4363, 48.0999
YIQ	144.8340, 16.4080, 33.0480

# Conversions

## Conversions Part 2

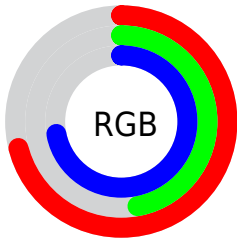
Format	Color
<a href="#">RYB</a>	<a href="#">181, 119, 183</a>
Decimal	<a href="#">11892663</a>
CIELab	<a href="#">58.45, 34.73, -23.96</a>
CIELCh	<a href="#">58, 42.194, 325.399</a>
Yxy	<a href="#">26.4363, 0.3145, 0.2431</a>
Android (android.graphics.Color)	<a href="#">4290082743 (0xFFB577B7)</a>
YUV	<a href="#">144.8340, 18.8158, 31.7176</a>
Hunter-Lab	<a href="#">51.4162, 28.7529, -19.4744</a>

# Details

The Hex color **B577B7** is a light color, and the websafe version is hex **996699**. A complement of this color would be **79B777**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **EEACEF**, and **7F4582** is the 20% darker color. If you saturate the color by 10%, you get **B465B7**, and if you desaturate by 10%, it is **B689B7**.

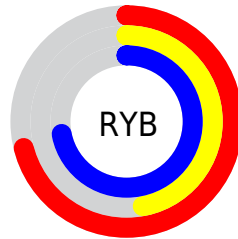
# Distribution



Red (71%)

Green (47%)

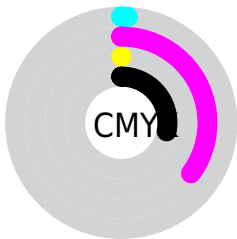
Blue (72%)



Red (71%)

Yellow (47%)

Blue (72%)

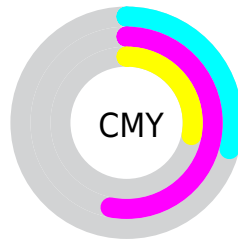


Cyan (1%)

Magenta (35%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (53%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B577B7 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 B577B7 by changing the saturation by 10% instead.



 B577B7

 B577B7

FFFFFF

 9A5E9C

 EEACEF

 7F4582

 FFC8FF

 652D69

 FFE4FF

 4C1450

 340039

 200023

 00000A

 000000


 B577B7

 B577B7

 B465B7

 B689B7

 B452B7

 B69CB7

 B340B7

 B7AEB7

 B32EB7

 B7C0B7

 B21BB7

 B8D3B7

 B209B7

 B8E5B7

 B100B7

 B9F7B7

 BAFFB7

# Harmonies

## Analogous

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



8785CF



B577B7



CE6E94

# Triad

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



B577B7



A88941



009FAB

# Complementary

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



B577B7



79B777

# 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.



009F85



B577B7



839447

# Square

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



B577B7



C37B51



569B61



009BC9

# Rectangle

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



B577B7



D36E7B



569B61



00A09F



# Sweetspot

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



B577B7



ECD5ED



7779B7



776978



F7F7F7



787878



# Same Dimension

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



B577B7



EA8AED



B77799



5C535C



97009C



1B001C



# Inverse Universe

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



B77779



ED8A8D



77B795



5C5353



9C0005

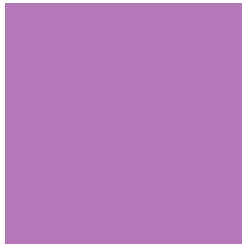


1C0001



# Previews

## White Background



This preview shows how the Hex color B577B7 looks on a white background.

## Color Contrast Check

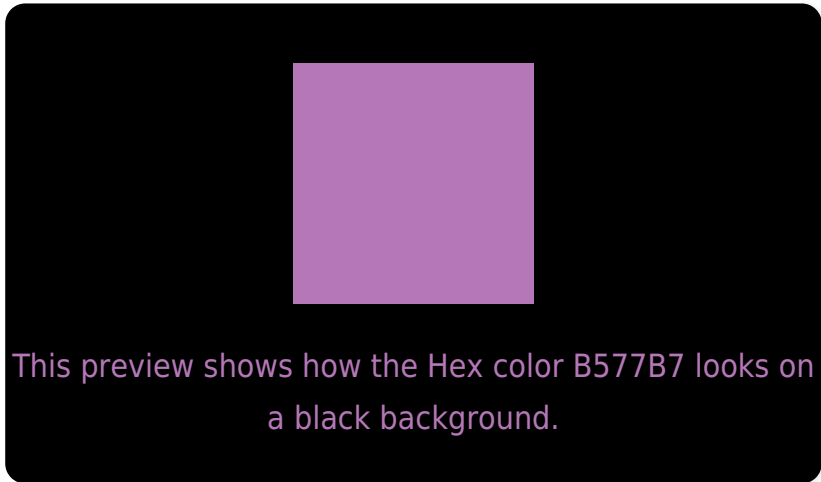
Large Text (above 18pt) WCAG AA ✓ Pass

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

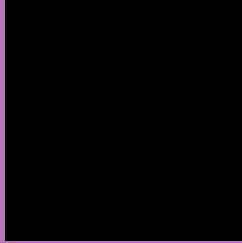
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B577B7 Background



This preview shows how black text looks on a background with the Hex color B577B7.

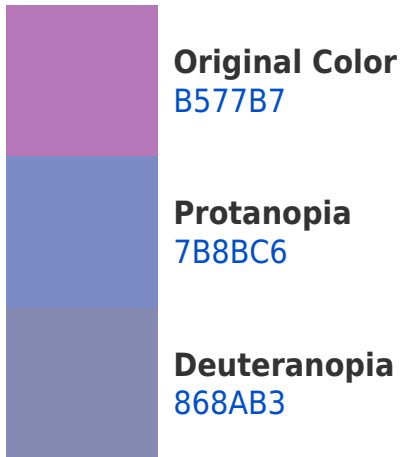


This preview shows how white text looks on a background with the Hex color B577B7.

# 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](#).

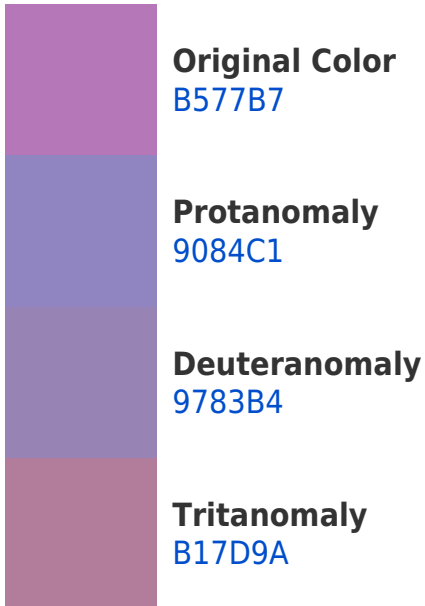
## Dichromacy



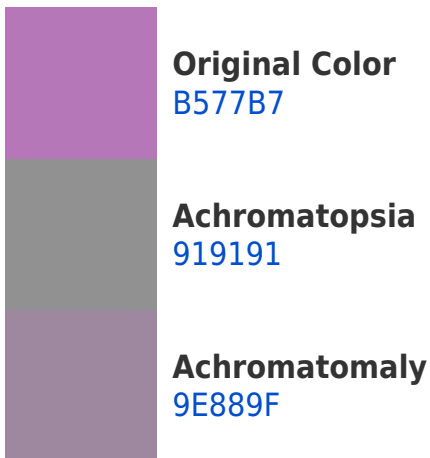


**Tritanopia**  
AF808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B577B7 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 #B577B7 looks like.

```
.text, #text, p{  
    color:#B577B7  
}
```

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 #B577B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B577B7
}
```

## Border

The CSS property to change the border of an element to Hex B577B7 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
#B577B7 }
```

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

```
.border{ border-color:#B577B7 }
```

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

Here you see how a box with a 4 pixel #B577B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B577B7; -webkit-box-shadow:4px 4px  
4px 4px #B577B7; box-shadow:4px 4px 4px  
4px #B577B7 }
```

# Background

The CSS property to change the background color of an element to Hex B577B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B577B7 }
```

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

```
.background{ background-color:#B577B7 }
```

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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