

# Converting Colors

Hex(B57F9A)

Have a look what the booklet for  
Hex(B57F9A) contains.

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# **Color**

**Hex(B57F9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B57F9A
RGB	181, 127, 154
RGB Percent	71%, 50%, 60%
CMY	0.2902, 0.5020, 0.3961
CMYK	0.00, 0.30, 0.15, 0.29
HSL	330°, 27%, 60%
HSV	330°, 30%, 71%
XYZ	32.4782, 27.3356, 34.1364
YIQ	146.2240, 23.5170, 19.8450

# Conversions

## Conversions Part 2

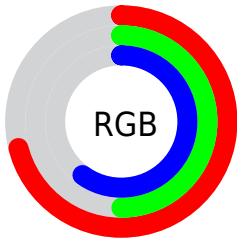
Format	Color
<b>RYB</b>	181, 127, 154
Decimal	11894682
CIELab	59.28, 25.06, -6.07
CIELCh	59, 25.785, 346.389
Yxy	27.3356, 0.3457, 0.2910
Android (android.graphics.Color)	4290084762 (0xFFB57F9A)
YUV	146.2240, 3.8336, 30.4986
Hunter-Lab	52.2835, 19.3871, -2.1126

# Details

The Hex color **B57F9A** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **7FB59A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **EEB4D0**, and **7F4D67** is the 20% darker color. If you saturate the color by 10%, you get **B56D91**, and if you desaturate by 10%, it is **B591A3**.

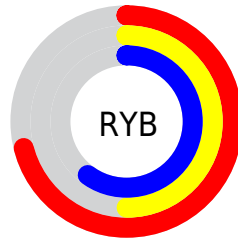
# Distribution



Red (71%)

Green (50%)

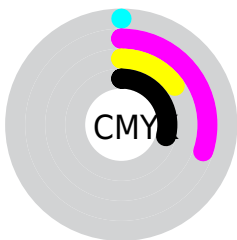
Blue (60%)



Red (71%)

Yellow (50%)

Blue (60%)

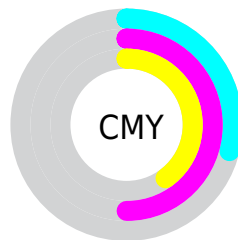


Cyan (0%)

Magenta (30%)

Yellow (15%)

Black (29%)



Cyan (29%)

Magenta (50%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B57F9A 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 B57F9A by changing the saturation by 10% instead.



 B57F9A

 B57F9A

FFFFFF

 9A6680

 EEB4D0

 7F4D67

 FFD0ED

 65364F

 FFECFF

 4D1F38

 350823

 22000D

 000000

 B57F9A

 B57F9A

 B56D91

 B591A3

 B55B88

 B5A3AC

 B5497F

 B5B5B5

 B53776

 B5C7BE

 B5256D

 B5DAC7

 B51264

 B5ECD0

 B5005B

 B5FED9

 B5FFE2

 B5FFEB

# Harmonies

## Analogous

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



A185AE



B57F9A



BC7E83

# Triad

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



B57F9A



929163



4A99AF

# Complementary

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



B57F9A



7FB59A

# 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.



4A9B9B



B57F9A



78976F

# Square

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



B57F9A



A88A63



5E9B83



6294BA

# Rectangle

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



B57F9A



BA8175



5E9B83



479AA9



# Sweetspot

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



B57F9A



EBD5E0



9A7FB5



75686F



F5F5F5



757575



# Same Dimension

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



B57F9A



EB96C0



B57F7F



595055



99004D



1A000D



# Inverse Universe

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



B57F9A



EB96C0



7FB5B5



595055



99004D

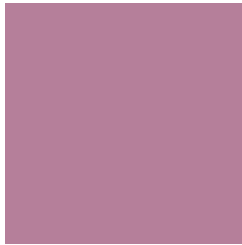


1A000D



# Previews

## White Background



This preview shows how the Hex color B57F9A looks on a white background.

## Color Contrast Check

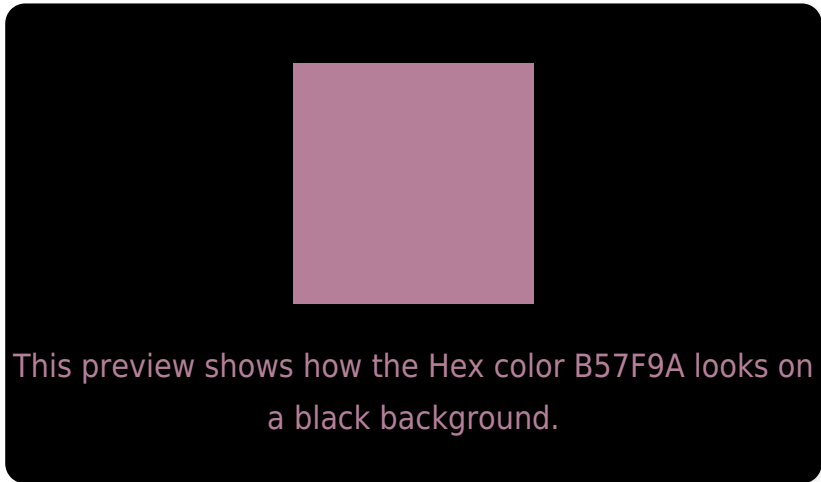
Large Text (above 18pt) WCAG AA ✓ Pass

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 B57F9A Background



This preview shows how black text looks on a background with the Hex color B57F9A.



This preview shows how white text looks on a background with the Hex color B57F9A.

# 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



**Original Color**  
B57F9A

**Protanopia**  
8B8EA3

**Deuteranopia**  
998B98



**Tritanopia**  
B3828B

# Trichromacy



**Original Color**  
B57F9A

**Protanomaly**  
9A89A0

**Deuteranomaly**  
A38799

**Tritanomaly**  
B48190

# Monochromacy



**Original Color**  
B57F9A

**Achromatopsia**  
929292

**Achromatomaly**  
9F8B95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B57F9A 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 #B57F9A looks like.

```
.text, #text, p{  
    color:#B57F9A  
}
```

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 #B57F9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B57F9A
}
```

## Border

The CSS property to change the border of an element to Hex B57F9A is called "border". The border property can be set on classes, ids or directly on the HTML element.

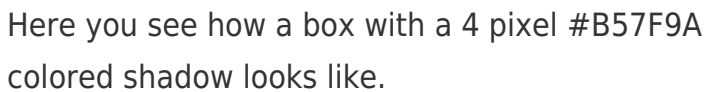
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B57F9A }
```

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

```
.border{ border-color:#B57F9A }
```

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



Here you see how a box with a 4 pixel #B57F9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B57F9A; -webkit-box-shadow:4px 4px  
4px 4px #B57F9A; box-shadow:4px 4px 4px  
4px #B57F9A }
```

# Background

The CSS property to change the background color of an element to Hex B57F9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B57F9A }
```

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

```
.background{ background-color:#B57F9A }
```

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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