

# Converting Colors

Hex(B5CF9F)

Have a look what the booklet for  
Hex(B5CF9F) contains.

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# **Color**

**Hex(B5CF9F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5CF9F
RGB	181, 207, 159
RGB Percent	71%, 81%, 62%
CMY	0.2902, 0.1882, 0.3765
CMYK	0.13, 0.00, 0.23, 0.19
HSL	92°, 33%, 72%
HSV	92°, 23%, 81%
XYZ	47.6269, 56.9526, 41.2836
YIQ	193.7540, -0.0880, -20.4400

# Conversions

## Conversions Part 2

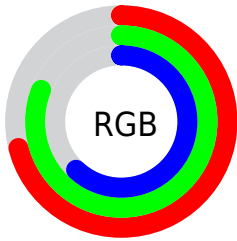
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">159, 207, 185</a>
Decimal	<a href="#">11915167</a>
CIELab	<a href="#">80.15, -17.31, 21.03</a>
CIELCh	<a href="#">80, 27.237, 129.472</a>
Yxy	<a href="#">56.9526, 0.3265, 0.3905</a>
Android (android.graphics.Color)	<a href="#">4290105247 (0xFFB5CF9F)</a>
YUV	<a href="#">193.7540, -17.1337, -11.1853</a>
Hunter-Lab	<a href="#">75.4670, -19.4165, 20.3927</a>

# Details

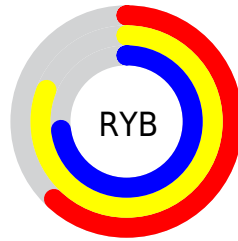
The Hex color **B5CF9F** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B99FCF**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **EDFFD6**, and **80996B** is the 20% darker color. If you saturate the color by 10%, you get **AACF8A**, and if you desaturate by 10%, it is **C0CFB4**.

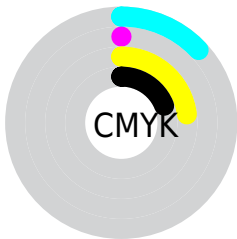
# Distribution



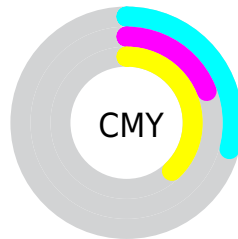
- Red (71%)
- Green (81%)
- Blue (62%)



- Red (62%)
- Yellow (81%)
- Blue (73%)



- Cyan (13%)
- Magenta (0%)
- Yellow (23%)
- Black (19%)



- Cyan (29%)
- Magenta (19%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5CF9F 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 B5CF9F by changing the saturation by 10% instead.



 B5CF9F

 B5CF9F

FFFFFF

 9AB385

 EDFFD6

 80996B

 FFFFF2

 667F53

 4E663B

 364D25

 203710

 0B2100

 000100

 000000

 B5CF9F

 B5CF9F

 AACF8A

 C0CFB4

 9FCF76

 CBCFC8

 93CF61

 D7CFDD

 88CF4C

 E2CFF2

 7DCF37

 EDCFFF

 72CF23

 F8CFFF

 67CF0E

 FFCFFF

 5FCF00

# Harmonies

## Analogous

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



D1C895



B5CF9F



98D4B4

# Triad

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



B5CF9F



91CEF6



FAB4BF

# Complementary

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



B5CF9F



B99FCF

# 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.



EEB7D9



B5CF9F



B3C6F9

# Square

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



B5CF9F



7ED3E6



D5BEEE



F8B8A8

# Rectangle

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



B5CF9F



88D5C5



D5BEEE



F8B5C8



# Sweetspot

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



B5CF9F



F5FFED



CFB99F



7A8075



000000



808080

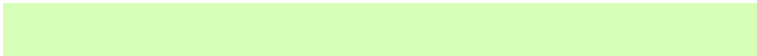


# Same Dimension

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



B5CF9F



D8FFB8



9FCFA1



63695E



4DA800



132900



# Inverse Universe

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



B99FCF



DEB8FF



CF9FCD



645E69



5B00A8

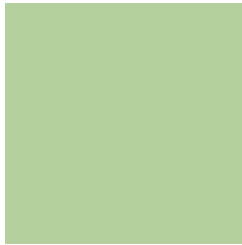


160029



# Previews

## White Background



This preview shows how the Hex color B5CF9F looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 B5CF9F 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 ✓ Pass

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



## Hex B5CF9F Background



This preview shows how black text looks on a background with the Hex color B5CF9F.

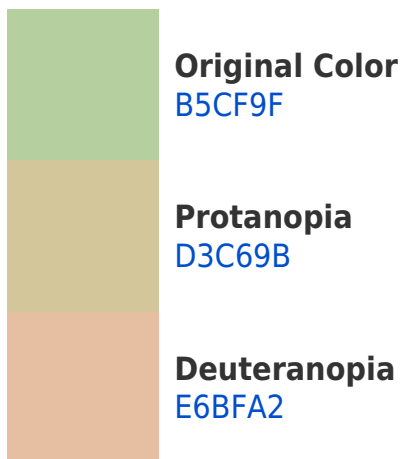


This preview shows how white text looks on a background with the Hex color B5CF9F.

# Color Blindness Simulation

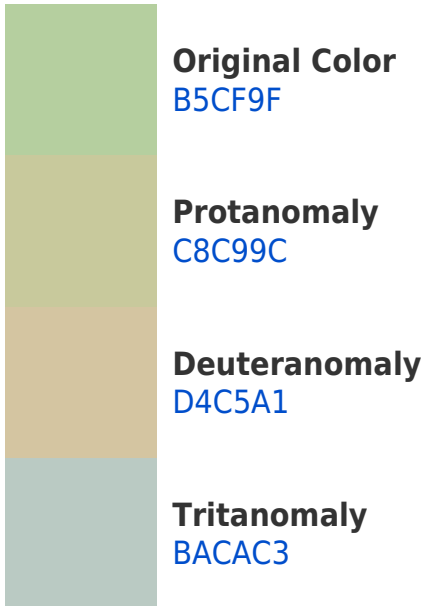
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5CF9F 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 #B5CF9F looks like.

```
.text, #text, p{  
    color:#B5CF9F  
}
```

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 #B5CF9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5CF9F
}
```

## Border

The CSS property to change the border of an element to Hex B5CF9F 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
#B5CF9F }
```

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

```
.border{ border-color:#B5CF9F }
```

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

Here you see how a box with a 4 pixel #B5CF9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5CF9F; -webkit-box-shadow:4px 4px  
4px 4px #B5CF9F; box-shadow:4px 4px 4px  
4px #B5CF9F }
```

# Background

The CSS property to change the background color of an element to Hex B5CF9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5CF9F }
```

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

```
.background{ background-color:#B5CF9F }
```

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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