

# Converting Colors

Hex(B59EB7)

Have a look what the booklet for  
Hex(B59EB7) contains.

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**Color**

**Hex(B59EB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B59EB7
RGB	181, 158, 183
RGB Percent	71%, 62%, 72%
CMY	0.2902, 0.3804, 0.2824
CMYK	0.01, 0.14, 0.00, 0.28
HSL	295°, 15%, 67%
HSV	295°, 14%, 72%
XYZ	39.8302, 37.6964, 49.9766
YIQ	167.7270, 5.6830, 12.6510

# Conversions

## Conversions Part 2

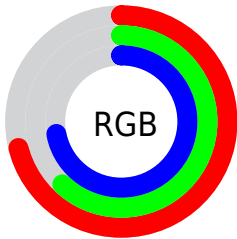
Format	Color
<a href="#">RYB</a>	<a href="#">181, 158, 183</a>
Decimal	<a href="#">11902647</a>
CIELab	<a href="#">67.80, 12.97, -9.80</a>
CIElCh	<a href="#">68, 16.258, 322.932</a>
Yxy	<a href="#">37.6964, 0.3124, 0.2957</a>
Android (android.graphics.Color)	<a href="#">4290092727</a> ( <a href="#">0xFFB59EB7</a> )
YUV	<a href="#">167.7270, 7.5296, 11.6404</a>
Hunter-Lab	<a href="#">61.3974, 8.3524, -5.2831</a>

# Details

The Hex color **B59EB7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **A0B79E**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **EDD5EF**, and **806B82** is the 20% darker color. If you saturate the color by 10%, you get **B48CB7**, and if you desaturate by 10%, it is **B6B0B7**.

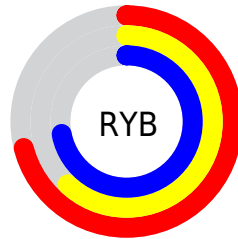
# Distribution



Red (71%)

Green (62%)

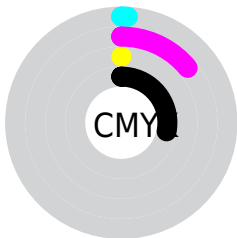
Blue (72%)



Red (71%)

Yellow (62%)

Blue (72%)

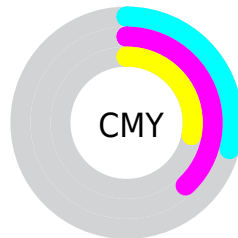


Cyan (1%)

Magenta (14%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (38%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B59EB7 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 B59EB7 by changing the saturation by 10% instead.





B59EB7



B59EB7

FFFFFF



9A849C



EDD5EF



806B82



FFF1FF



675269



4F3B51



38253A



221124



02000E



000000



B59EB7



B59EB7

 B48CB7

 B6B0B7

 B279B7

 B8C3B7

 B167B7

 B9D5B7

 AF55B7

 BBE7B7

 AE43B7

 BCFAB7

 AC30B7

 BEFFB7

 AB1EB7

 BFFF B7

 A90CB7

 C1FFB7

 A800B7

 C2FFB7

# Harmonies

## Analogous

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



A3A3C0



B59EB7



C19BA9

# Triad

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



B59EB7



B4A388



7EAEBO

# Complementary

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



B59EB7



A0B79E

# 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.



86AEA1



B59EB7



A5A88A

# Square

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



B59EB7



C09E8E



94AB93



82ABBC

# Rectangle

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



B59EB7



C49B9F



94AB93



80AEAB



# Sweetspot

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



B59EB7



ECE4ED



9EA0B7



777278



F7F7F7



787878



# Same Dimension

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



B59EB7



EAC7ED



B79EAD



5B535C



8F009C



1A001C



# Inverse Universe

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



B79EA0



EDC7CA



9EB7A8



5C5353



9C000C

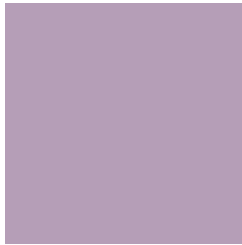


1C0002



# Previews

## White Background



This preview shows how the Hex color B59EB7 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 B59EB7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

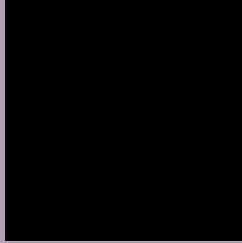
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B59EB7 Background



This preview shows how black text looks on a background with the Hex color B59EB7.

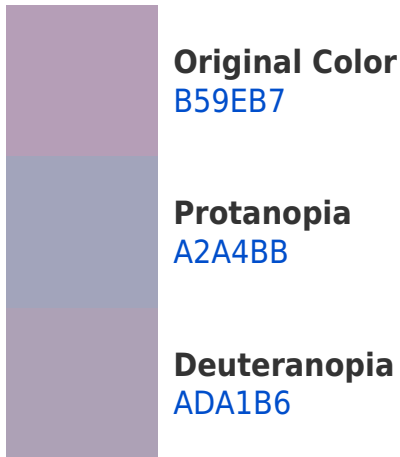


This preview shows how white text looks on a background with the Hex color B59EB7.

# 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**  
B3A0AC

# Trichromacy



**Original Color**  
B59EB7

**Protanomaly**  
A9A2BA

**Deuteranomaly**  
B0A0B6

**Tritanomaly**  
B49FB0

# Monochromacy



**Original Color**  
B59EB7

**Achromatopsia**  
A8A8A8

**Achromatomaly**  
ADA4AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B59EB7 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 #B59EB7 looks like.

```
.text, #text, p{  
    color:#B59EB7  
}
```

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 #B59EB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B59EB7
}
```

## Border

The CSS property to change the border of an element to Hex B59EB7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

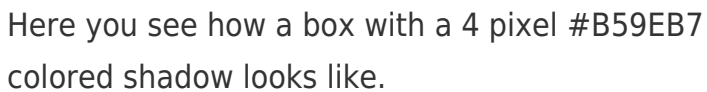
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B59EB7 }
```

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

```
.border{ border-color:#B59EB7 }
```

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



Here you see how a box with a 4 pixel #B59EB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B59EB7; -webkit-box-shadow:4px 4px  
4px 4px #B59EB7; box-shadow:4px 4px 4px  
4px #B59EB7 }
```

# Background

The CSS property to change the background color of an element to Hex B59EB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B59EB7 }
```

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

```
.background{ background-color:#B59EB7 }
```

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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