

# Converting Colors

Hex(B59EB6)

Have a look what the booklet for  
Hex(B59EB6) contains.

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# **Color**

**Hex(B59EB6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B59EB6
RGB	181, 158, 182
RGB Percent	71%, 62%, 71%
CMY	0.2902, 0.3804, 0.2863
CMYK	0.01, 0.13, 0.00, 0.29
HSL	298°, 14%, 67%
HSV	298°, 13%, 71%
XYZ	39.7264, 37.6549, 49.4303
YIQ	167.6130, 6.0040, 12.3400

# Conversions

## Conversions Part 2

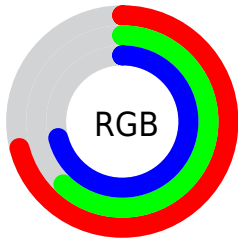
Format	Color
<a href="#">RYB</a>	<a href="#">181, 158, 182</a>
Decimal	<a href="#">11902646</a>
CIELab	<a href="#">67.77, 12.78, -9.29</a>
CIELCh	<a href="#">68, 15.799, 323.990</a>
Yxy	<a href="#">37.6549, 0.3133, 0.2969</a>
Android (android.graphics.Color)	<a href="#">4290092726 (0xFFB59EB6)</a>
YUV	<a href="#">167.6130, 7.0928, 11.7404</a>
Hunter-Lab	<a href="#">61.3636, 8.1736, -4.8055</a>

# Details

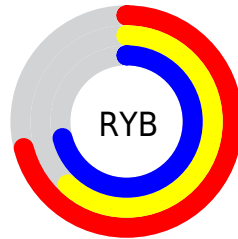
The Hex color **B59EB6** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9FB69E**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **EDD5EE**, and **806B81** is the 20% darker color. If you saturate the color by 10%, you get **B48CB6**, and if you desaturate by 10%, it is **B6B0B6**.

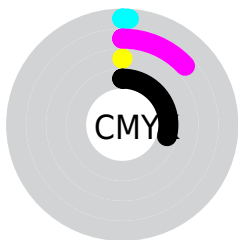
# Distribution



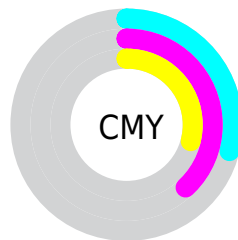
- Red (71%)
- Green (62%)
- Blue (71%)



- Red (71%)
- Yellow (62%)
- Blue (71%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (29%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B59EB6 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 B59EB6 by changing the saturation by 10% instead.





B59EB6



B59EB6

FFFFFF



9A849B



EDD5EE



806B81



FFF1FF



675268



4F3B50



382539



221123



02000D



000000



B59EB6



B59EB6

 B48CB6

 B6B0B6

 B37AB6

 B7C2B6

 B367B6

 B7D5B6

 B255B6

 B8E7B6

 B143B6

 B9F9B6

 B031B6

 BAFFB6

 B01FB6

 BBFFB6

 AF0CB6

 BCFFB6

 AE00B6

# Harmonies

## Analogous

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



A4A2BF



B59EB6



C09BA9

# Triad

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



B59EB6



B3A389



80ADB0

# Complementary

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



B59EB6



9FB69E

# 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.



86ADA2



B59EB6



A4A88B

# Square

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



B59EB6



BF9F8F



94AB94



84ABBC

# Rectangle

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



B59EB6



C39B9F



94AB94



81ADAB



# Sweetspot

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



B59EB6



EDE4ED



9E9FB6



787278



F7F7F7



787878



# Same Dimension

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



B59EB6



ECC7ED



B69EAB



5B535C



95009C



1B001C



# Inverse Universe

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



B69E9F



EDC7C9



9EB6A9



5C5353



9C0006

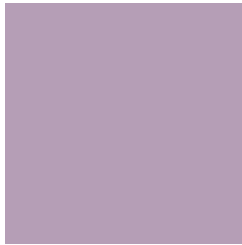


1C0001



# Previews

## White Background



This preview shows how the Hex color B59EB6 looks on a white background.

## Color Contrast Check

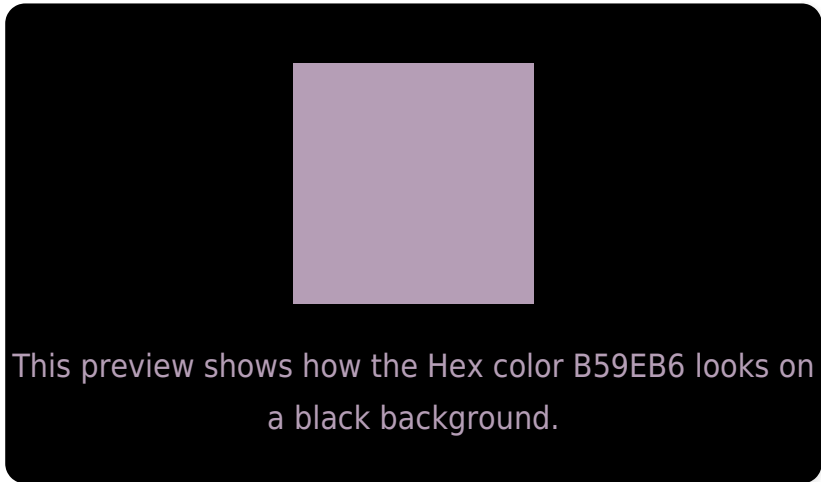
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

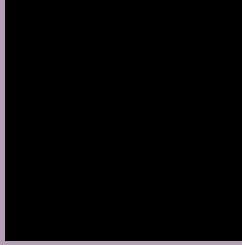
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B59EB6 Background



This preview shows how black text looks on a background with the Hex color B59EB6.

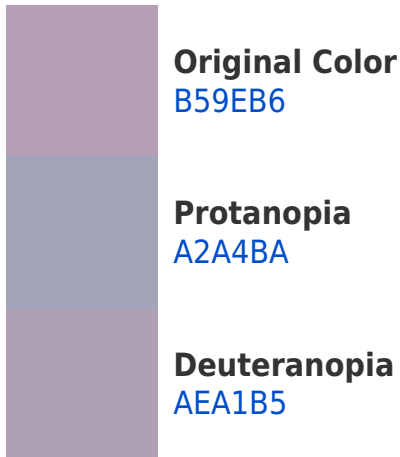


This preview shows how white text looks on a background with the Hex color B59EB6.

# 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**  
B4A0AC

# Trichromacy



**Original Color**  
B59EB6

**Protanomaly**  
A9A2B9

**Deuteranomaly**  
B1A0B5

**Tritanomaly**  
B49FB0

# Monochromacy



**Original Color**  
B59EB6

**Achromatopsia**  
A8A8A8

**Achromatomaly**  
ADA4AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B59EB6 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 #B59EB6 looks like.

```
.text, #text, p{  
    color:#B59EB6  
}
```

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 #B59EB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B59EB6
}
```

## Border

The CSS property to change the border of an element to Hex B59EB6 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
#B59EB6 }
```

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

```
.border{ border-color:#B59EB6 }
```

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

Here you see how a box with a 4 pixel #B59EB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B59EB6; -webkit-box-shadow:4px 4px  
4px 4px #B59EB6; box-shadow:4px 4px 4px  
4px #B59EB6 }
```

# Background

The CSS property to change the background color of an element to Hex B59EB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B59EB6 }
```

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

```
.background{ background-color:#B59EB6 }
```

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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