

# Converting Colors

Hex(B59EB5)

Have a look what the booklet for  
Hex(B59EB5) contains.

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**Color**

**Hex(B59EB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B59EB5
RGB	181, 158, 181
RGB Percent	71%, 62%, 71%
CMY	0.2902, 0.3804, 0.2902
CMYK	0.00, 0.13, 0.00, 0.29
HSL	300°, 13%, 66%
HSV	300°, 13%, 71%
XYZ	39.6234, 37.6137, 48.8878
YIQ	167.4990, 6.3250, 12.0290

# Conversions

## Conversions Part 2

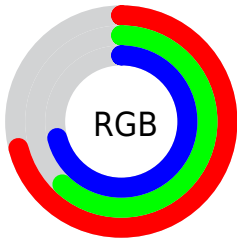
Format	Color
<a href="#">RYB</a>	<a href="#">181, 158, 181</a>
Decimal	<a href="#">11902645</a>
CIELab	<a href="#">67.73, 12.59, -8.78</a>
CIELCh	<a href="#">68, 15.346, 325.114</a>
Yxy	<a href="#">37.6137, 0.3142, 0.2982</a>
Android (android.graphics.Color)	<a href="#">4290092725</a> ( <a href="#">0xFFB59EB5</a> )
YUV	<a href="#">167.4990, 6.6560, 11.8404</a>
Hunter-Lab	<a href="#">61.3300, 7.9958, -4.3307</a>

# Details

The Hex color **B59EB5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9EB59E**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **EDD5ED**, and **806B80** is the 20% darker color. If you saturate the color by 10%, you get **B58CB5**, and if you desaturate by 10%, it is **B5B0B5**.

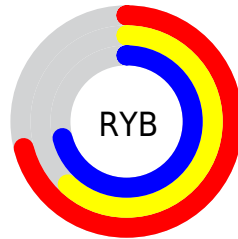
# Distribution



Red (71%)

Green (62%)

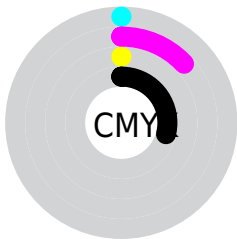
Blue (71%)



Red (71%)

Yellow (62%)

Blue (71%)

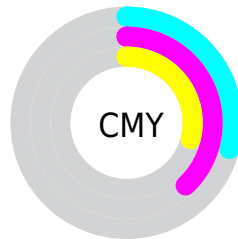


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (29%)



Cyan (29%)

Magenta (38%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B59EB5 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 B59EB5 by changing the saturation by 10% instead.





B59EB5



B59EB5

FFFFFF



9A849A



EDD5ED



806B80



FFF1FF



675267



4F3B4F



382538



221123



02000C



000000



B59EB5



B59EB5

 B58CB5

 B5B0B5

 B57AB5

 B5C2B5

 B568B5

 B5D4B5

 B556B5

 B5E6B5

 B544B5

 B5F9B5

 B531B5

 B5FFB5

 B51FB5

 B50DB5

 B500B5

# Harmonies

## Analogous

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



A5A2BE



B59EB5



C09CA8

# Triad

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



B59EB5



B2A38A



81ADB0

# Complementary

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



B59EB5



9EB59E

# 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.



87ADA2



B59EB5



A3A88C

# Square

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



B59EB5



BD9F8F



94AB95



85ABBB

# Rectangle

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



B59EB5



C29C9E



94AB95



82ADAC



# Sweetspot

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



B59EB5



EBE1EB



9E9EB5



756F75



F5F5F5



757575



# Same Dimension

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



B59EB5



EBC7EB



B59EAA



595059



990099



1A001A



# Inverse Universe

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



B59EB5



EBC7EB



9EB5AA



595059



990099

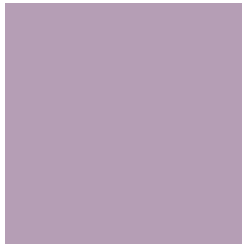


1A001A



# Previews

## White Background



This preview shows how the Hex color B59EB5 looks on a white background.

## Color Contrast Check

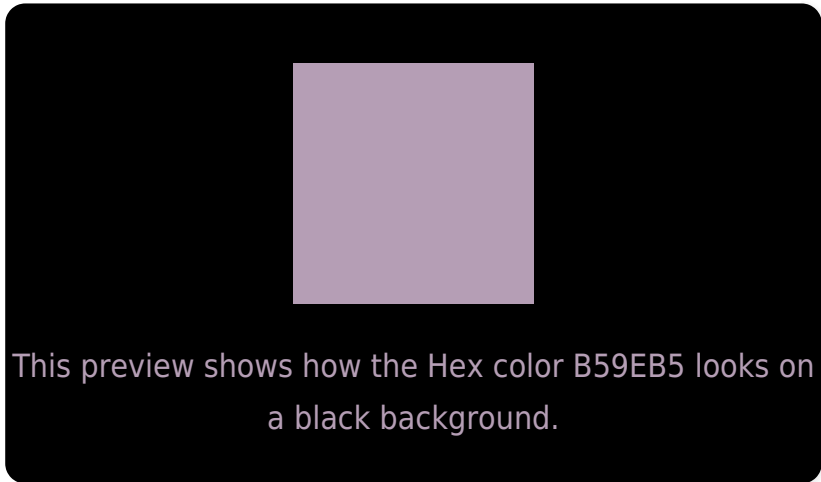
Large Text (above 18pt) WCAG AA × Fail

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

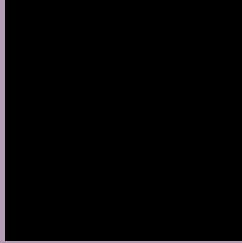
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B59EB5 Background



This preview shows how black text looks on a background with the Hex color B59EB5.

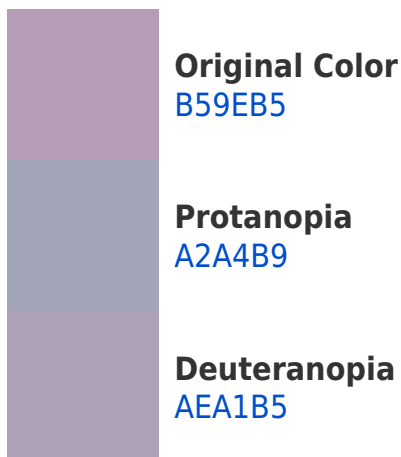


This preview shows how white text looks on a background with the Hex color B59EB5.

# 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**  
B59EB5

**Protanomaly**  
A9A2B8

**Deuteranomaly**  
B1A0B5

**Tritanomaly**  
B49FAF

# Monochromacy



**Original Color**  
B59EB5

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
ACA4AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B59EB5 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 #B59EB5 looks like.

```
.text, #text, p{  
    color:#B59EB5  
}
```

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 #B59EB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B59EB5
}
```

## Border

The CSS property to change the border of an element to Hex B59EB5 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
#B59EB5 }
```

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

```
.border{ border-color:#B59EB5 }
```

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

Here you see how a box with a 4 pixel #B59EB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B59EB5; -webkit-box-shadow:4px 4px  
4px 4px #B59EB5; box-shadow:4px 4px 4px  
4px #B59EB5 }
```

# Background

The CSS property to change the background color of an element to Hex B59EB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B59EB5 }
```

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

```
.background{ background-color:#B59EB5 }
```

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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