

# Converting Colors

Hex(B59CE5)

Have a look what the booklet for  
Hex(B59CE5) contains.

<b>Hex(B59CE5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(B59CE5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B59CE5
RGB	181, 156, 229
RGB Percent	71%, 61%, 90%
CMY	0.2902, 0.3882, 0.1020
CMYK	0.21, 0.32, 0.00, 0.10
HSL	261°, 58%, 75%
HSV	261°, 32%, 90%
XYZ	45.0874, 39.2578, 79.3299
YIQ	171.7970, -8.5330, 28.0030

# Conversions

## Conversions Part 2

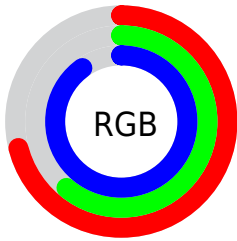
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">181, 156, 229</a>
Decimal	<a href="#">11902181</a>
CIELab	<a href="#">68.94, 23.84, -33.52</a>
CIELCh	<a href="#">69, 41.134, 305.420</a>
Yxy	<a href="#">39.2578, 0.2755, 0.2399</a>
Android (android.graphics.Color)	<a href="#">4290092261 (0xFFB59CE5)</a>
YUV	<a href="#">171.7970, 28.2011, 8.0710</a>
Hunter-Lab	<a href="#">62.6561, 18.8007, -31.2088</a>

# Details

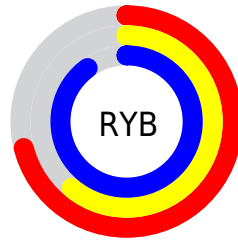
The Hex color **B59CE5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CCE59C**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **EED3FF**, and **7F69AD** is the 20% darker color. If you saturate the color by 10%, you get **A685E5**, and if you desaturate by 10%, it is **C4B3E5**.

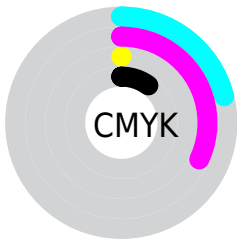
# Distribution



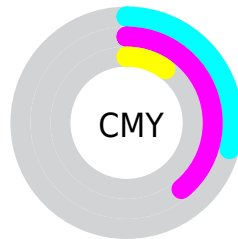
- Red (71%)
- Green (61%)
- Blue (90%)



- Red (71%)
- Yellow (61%)
- Blue (90%)



- Cyan (21%)
- Magenta (32%)
- Yellow (0%)
- Black (10%)



- Cyan (29%)
- Magenta (39%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B59CE5 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 B59CE5 by changing the saturation by 10% instead.



 B59CE5

 B59CE5

FFFFFF

 9A82C9

 EED3FF

 7F69AD

 FFEFFF

 655092

 4C3978

 33235F

 1A0E47

 040031

 00011B

 000000

 B59CE5

 B59CE5

 A685E5

 C4B3E5

 976EE5

 D3CAE5

 8857E5

 E2E1E5

 7940E5

 F1F8E5

 6A2AE5

 FFFFE5

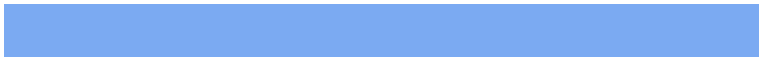
 5B13E5

 4E00E5

# Harmonies

## Analogous

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



7BAAF2



B59CE5



DC90C8

# Triad

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



B59CE5



D99B65



1EBCAE

# Complementary

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



B59CE5



CCE59C

# 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.



63B988



B59CE5



B9A85D

# Square

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



B59CE5



ED8F7F



92B36A



00BAD2

# Rectangle

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



B59CE5



EB8BAF



92B36A



3BBBA1



# Sweetspot

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



B59CE5



EEE6FF



9CCDE5



757080



000000



808080



# Same Dimension

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



B59CE5



BF9EFF



D99CE5



6B6773



3D00B3



110033



# Inverse Universe

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



E59CCC



FF9EDE



A8E59C



73676F



B30075

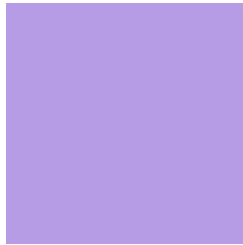


330022



# Previews

## White Background



This preview shows how the Hex color B59CE5 looks on a white background.

## Color Contrast Check

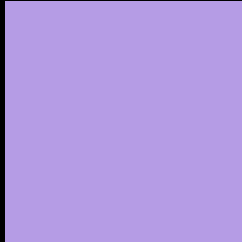
Large Text (above 18pt) WCAG AA × Fail

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 B59CE5 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 B59CE5 Background



This preview shows how black text looks on a background with the Hex color B59CE5.

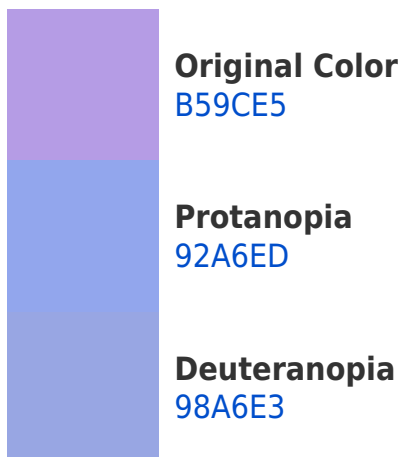


This preview shows how white text looks on a background with the Hex color B59CE5.

# Color Blindness Simulation

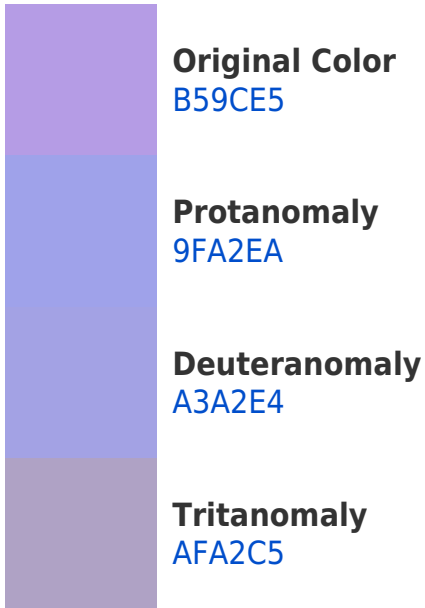
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

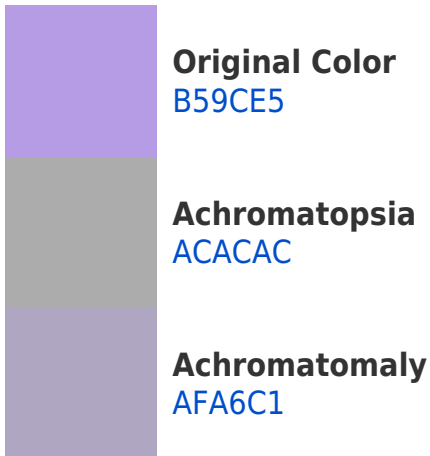




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B59CE5 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 #B59CE5 looks like.

```
.text, #text, p{  
    color:#B59CE5  
}
```

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 #B59CE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B59CE5
}
```

## Border

The CSS property to change the border of an element to Hex B59CE5 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
#B59CE5 }
```

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

```
.border{ border-color:#B59CE5 }
```

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

Here you see how a box with a 4 pixel #B59CE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B59CE5; -webkit-box-shadow:4px 4px  
4px 4px #B59CE5; box-shadow:4px 4px 4px  
4px #B59CE5 }
```

# Background

The CSS property to change the background color of an element to Hex B59CE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B59CE5 }
```

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

```
.background{ background-color:#B59CE5 }
```

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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