

# Converting Colors

Hex(B59FD1)

Have a look what the booklet for  
Hex(B59FD1) contains.

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# **Color**

**Hex(B59FD1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B59FD1
RGB	181, 159, 209
RGB Percent	71%, 62%, 82%
CMY	0.2902, 0.3765, 0.1804
CMYK	0.13, 0.24, 0.00, 0.18
HSL	266°, 35%, 72%
HSV	266°, 24%, 82%
XYZ	42.9628, 39.2235, 65.6281
YIQ	171.2780, -2.9380, 20.2140

# Conversions

## Conversions Part 2

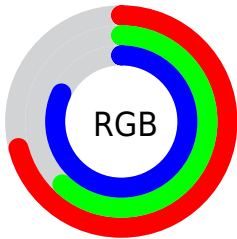
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 159, 209
Decimal	11902929
CIE <sub>Lab</sub>	68.91, 17.72, -22.54
CIE <sub>LCh</sub>	69, 28.674, 308.175
Yxy	39.2235, 0.2907, 0.2654
Android (android.graphics.Color)	4290093009 (0xFFB59FD1)
YUV	171.2780, 18.5969, 8.5262
Hunter-Lab	62.6287, 12.8496, -18.2895

# Details

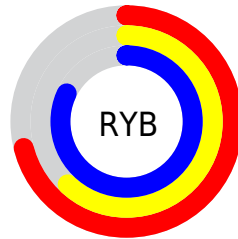
The Hex color **B59FD1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BBD19F**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **EDD6FF**, and **806B9A** is the 20% darker color. If you saturate the color by 10%, you get **A98AD1**, and if you desaturate by 10%, it is **C1B4D1**.

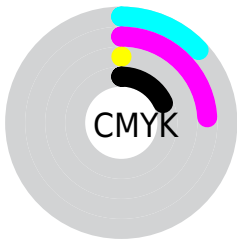
# Distribution



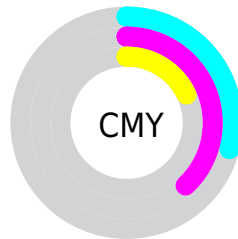
- Red (71%)
- Green (62%)
- Blue (82%)



- Red (71%)
- Yellow (62%)
- Blue (82%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (38%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B59FD1 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 B59FD1 by changing the saturation by 10% instead.



 B59FD1

 B59FD1

FFFFFF

 9A85B5

 EDD6FF

 806B9A

 FFF2FF

 665380

 4E3C67

 36264F

 1F1138

 090022

 000008

 000000

 B59FD1

 B59FD1

 A98AD1

 C1B4D1

 9E75D1

 CCC9D1

 9260D1

 D8DED1

 864BD1

 E4F3D1

 7A36D1

 F0FFD1

 6F22D1

 FBFFD1

 630DD1

 FFFFD1

 5C00D1

# Harmonies

## Analogous

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



91A8DB



B59FD1



CF98BC

# Triad

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



B59FD1



CBA079



5FB7AF

# Complementary

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



B59FD1



BBD19F

# 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.



79B594



B59FD1



B4A975

# Square

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



B59FD1



DA9889



97B07F



57B5C7

# Rectangle

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



B59FD1



D995AB



97B07F



66B6A6



# Sweetspot

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



B59FD1



F5EDFF



9FBBD1



7A7580



000000



808080



# Same Dimension

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



B59FD1



D6B5FF



CE9FD1



635E69



4A00A8



120029



# Inverse Universe

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



D19FBB



FFB5DE



A2D19F



695E64



A8005E

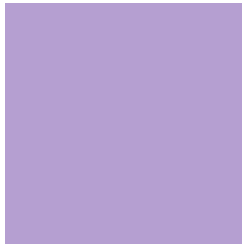


290017



# Previews

## White Background



This preview shows how the Hex color B59FD1 looks on a white background.

## Color Contrast Check

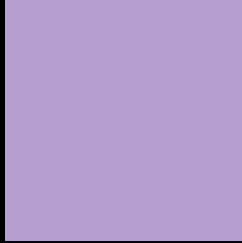
Large Text (above 18pt) WCAG AA × Fail

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 B59FD1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

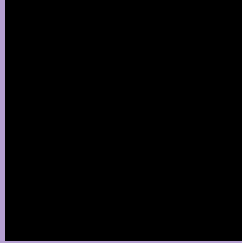
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B59FD1 Background



This preview shows how black text looks on a background with the Hex color B59FD1.



This preview shows how white text looks on a background with the Hex color B59FD1.

# 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



**Original Color**  
B59FD1

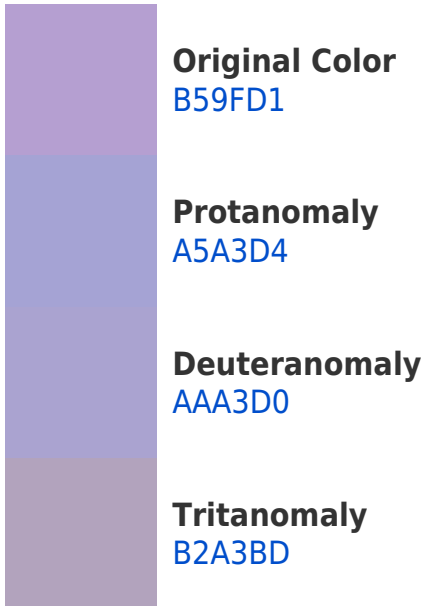
**Protanopia**  
9CA6D6

**Deuteranopia**  
A4A5D0

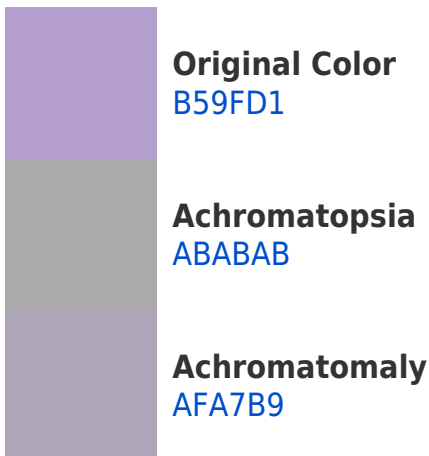


**Tritanopia**  
B0A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B59FD1 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 #B59FD1 looks like.

```
.text, #text, p{  
    color:#B59FD1  
}
```

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 #B59FD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B59FD1
}
```

## Border

The CSS property to change the border of an element to Hex B59FD1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

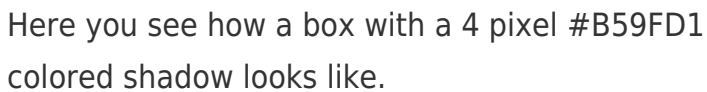
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B59FD1 }
```

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

```
.border{ border-color:#B59FD1 }
```

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



Here you see how a box with a 4 pixel #B59FD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B59FD1; -webkit-box-shadow:4px 4px  
4px 4px #B59FD1; box-shadow:4px 4px 4px  
4px #B59FD1 }
```

# Background

The CSS property to change the background color of an element to Hex B59FD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B59FD1 }
```

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

```
.background{ background-color:#B59FD1 }
```

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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