

Converting Colors

Hex(BF59D9)

Have a look what the booklet for
Hex(BF59D9) contains.

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Color

Hex(**BF59D9**)

Conversions

Conversions Part 1

Format	Color
Hex	BF59D9
RGB	191, 89, 217
RGB Percent	75%, 35%, 85%
CMY	0.2510, 0.6510, 0.1490
CMYK	0.12, 0.59, 0.00, 0.15
HSL	288°, 63%, 60%
HSV	288°, 59%, 85%
XYZ	37.5826, 23.2309, 68.1488
YIQ	134.0900, 19.7040, 61.4320

Conversions

Conversions Part 2

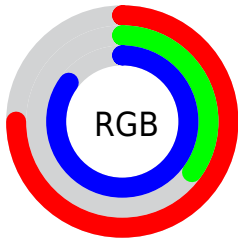
Format	Color
RYB	191, 89, 217
Decimal	12540377
CIELab	55.31, 59.62, -48.13
CIELCh	55, 76.624, 321.086
Yxy	23.2309, 0.2914, 0.1801
Android (android.graphics.Color)	4290730457 (0xFFBF59D9)
YUV	134.0900, 40.8746, 49.9101
Hunter-Lab	48.1984, 54.8378, -50.0926

Details

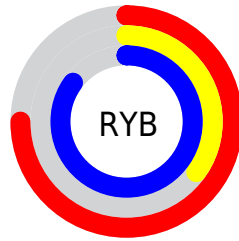
The Hex color **BF59D9** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **73D959**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FA90FF**, and **861FA1** is the 20% darker color. If you saturate the color by 10%, you get **BB43D9**, and if you desaturate by 10%, it is **C36FD9**.

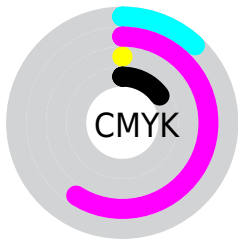
Distribution



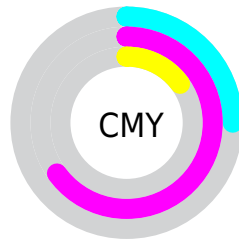
- Red (75%)
- Green (35%)
- Blue (85%)



- Red (75%)
- Yellow (35%)
- Blue (85%)



- Cyan (12%)
- Magenta (59%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (65%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF59D9 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 BF59D9 by changing the saturation by 10% instead.

 BF59D9

 BF59D9

FFFFFF

 A23DBD

 FA90FF

 861FA1

 FFACFF

 6B0087

 FFC8FF

 4F006D

 FFE5FF

 350054

 1A003C

 000225

 00010D

 000000

 BF59D9

 BF59D9

 BB43D9

 C36FD9

 B62ED9

 C884D9

 B218D9

 CC9AD9

 AD02D9

 D1B0D9

 AD00D9

 D5C6D9

 D9DBD9

 DEF1D9

 E2FFD9

 E7FFD9

Harmonies

Analogous

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



4B7CFF



BF59D9



EF359B

Triad

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



BF59D9



B17B00



00A1B3

Complementary

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



BF59D9



73D959

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.



00A06E



BF59D9



748F00

Square

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



BF59D9



DE5C16



009B26



009EEC

Rectangle

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



BF59D9



F8316F



009B26



00A19C

Sweetspot

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



BF59D9



F6D1FF



5975D9



7A6380



000000



808080

Same Dimension

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



BF59D9



DA4AFF



D959B5



6B636E



8A00AD



25002E

Inverse Universe

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



D95973



FF4A6F



59D97D



6E6365



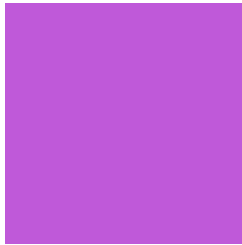
AD0023



2E0009

Previews

White Background



This preview shows how the Hex color BF59D9 looks on a white background.

Color Contrast Check

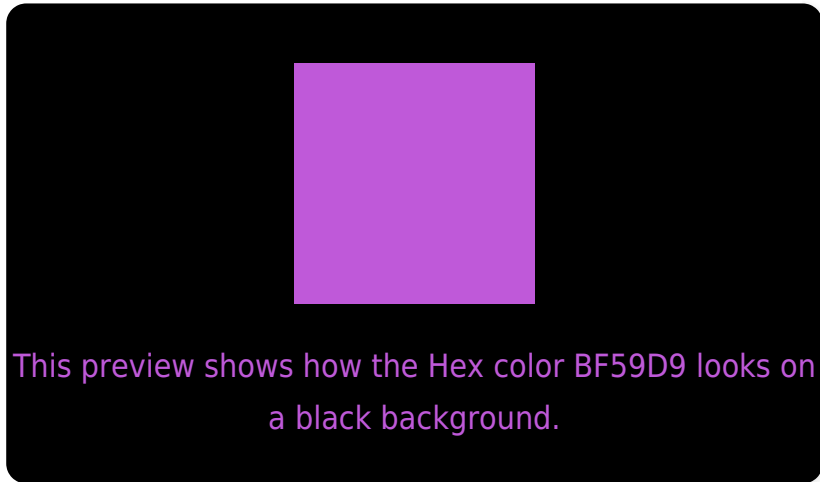
Large Text (above 18pt) WCAG AA ✓ Pass

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

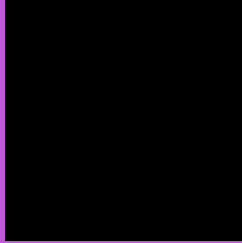
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex BF59D9 Background



This preview shows how black text looks on a background with the Hex color BF59D9.

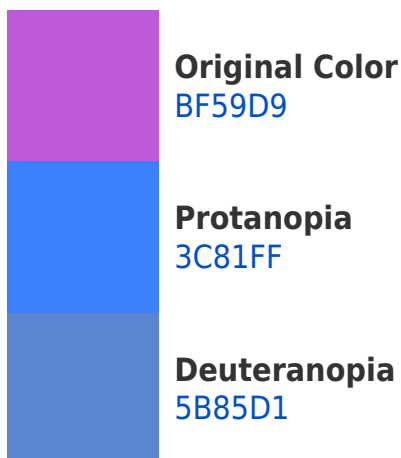


This preview shows how white text looks on a background with the Hex color BF59D9.

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
B2737B

Trichromacy



Original Color
BF59D9



Protanomaly
6C72F1



Deuteranomaly
7F75D4



Tritanomaly
B76A9D

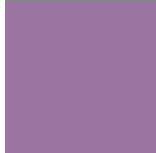
Monochromacy



Original Color
BF59D9



Achromatopsia
868686



Achromatomaly
9B76A4

CSS Examples

Text

The CSS property to change the color of the text to Hex BF59D9 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 #BF59D9 looks like.

```
.text, #text, p{  
    color:#BF59D9  
}
```

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 #BF59D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF59D9
}
```

Border

The CSS property to change the border of an element to Hex BF59D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

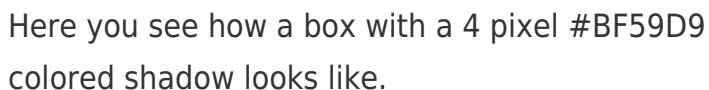
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF59D9 }
```

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

```
.border{ border-color:#BF59D9 }
```

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



Here you see how a box with a 4 pixel #BF59D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF59D9; -webkit-box-shadow:4px 4px  
4px 4px #BF59D9; box-shadow:4px 4px 4px  
4px #BF59D9 }
```

Background

The CSS property to change the background color of an element to Hex BF59D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF59D9 }
```

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

```
.background{ background-color:#BF59D9 }
```

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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