

# Converting Colors

Hex(B58FD6)

Have a look what the booklet for  
Hex(B58FD6) contains.

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# **Color**

**Hex(B58FD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B58FD6
RGB	181, 143, 214
RGB Percent	71%, 56%, 84%
CMY	0.2902, 0.4392, 0.1608
CMYK	0.15, 0.33, 0.00, 0.16
HSL	272°, 46%, 70%
HSV	272°, 33%, 84%
XYZ	41.0161, 34.3237, 68.0817
YIQ	162.4560, -0.1430, 30.1370

# Conversions

## Conversions Part 2

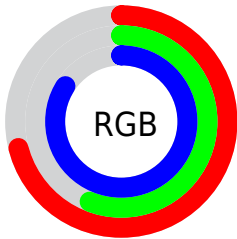
Format	Color
<a href="#">RYB</a>	<a href="#">181, 143, 214</a>
Decimal	<a href="#">11898838</a>
CIELab	<a href="#">65.22, 27.76, -30.99</a>
CIELCh	<a href="#">65, 41.605, 311.853</a>
Yxy	<a href="#">34.3237, 0.2860, 0.2393</a>
Android (android.graphics.Color)	<a href="#">4290088918 (0xFFB58FD6)</a>
YUV	<a href="#">162.4560, 25.4112, 16.2631</a>
Hunter-Lab	<a href="#">58.5864, 22.4408, -27.8888</a>

# Details

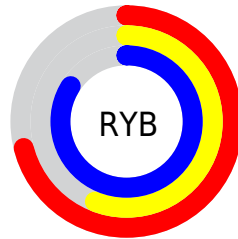
The Hex color **B58FD6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B0D68F**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **EEC5FF**, and **7F5C9F** is the 20% darker color. If you saturate the color by 10%, you get **AB7AD6**, and if you desaturate by 10%, it is **BFA4D6**.

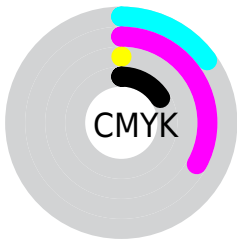
# Distribution



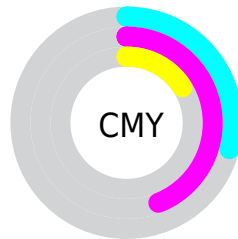
- Red (71%)
- Green (56%)
- Blue (84%)



- Red (71%)
- Yellow (56%)
- Blue (84%)



- Cyan (15%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (44%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B58FD6 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 B58FD6 by changing the saturation by 10% instead.



 B58FD6

 B58FD6

FFFFFF

 9A75BA

 EEC5FF

 7F5C9F

 FFE1FF

 654485

FFFEFF

 4C2D6B

 341753

 1C003B

 000025

 00010D

 000000

 B58FD6

 B58FD6

 AB7AD6

 BFA4D6

 A164D6

 C9BAD6

 974FD6

 D3CFD6

 8D39D6

 DDE5D6

 8324D6

 E7FAD6

 790FD6

 F1FFD6

 7300D6

 FBFFD6

 FFFFD6

# Harmonies

## Analogous

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



7E9DE7



B58FD6



D883B6

# Triad

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



B58FD6



C99457



00B2AC

# Complementary

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



B58FD6



B0D68F

# 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.



4BB086



B58FD6



A7A154

# Square

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



B58FD6



DF876E



7EAA65



00AFCF

# Rectangle

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



B58FD6



E3809D



7EAA65



0DB29F



# Sweetspot

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



B58FD6



F3E6FF



8FB0D6



787080



000000



808080



# Same Dimension

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



B58FD6



D099FF



D68FD4



66606B



5B00AB



17002B



# Inverse Universe

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



D68FB0



FF99C8



8FD691



6B6065



AB004F

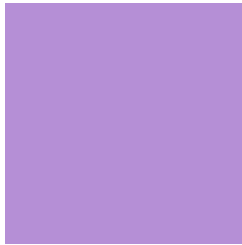


2B0014



# Previews

## White Background



This preview shows how the Hex color B58FD6 looks on a white background.

## Color Contrast Check

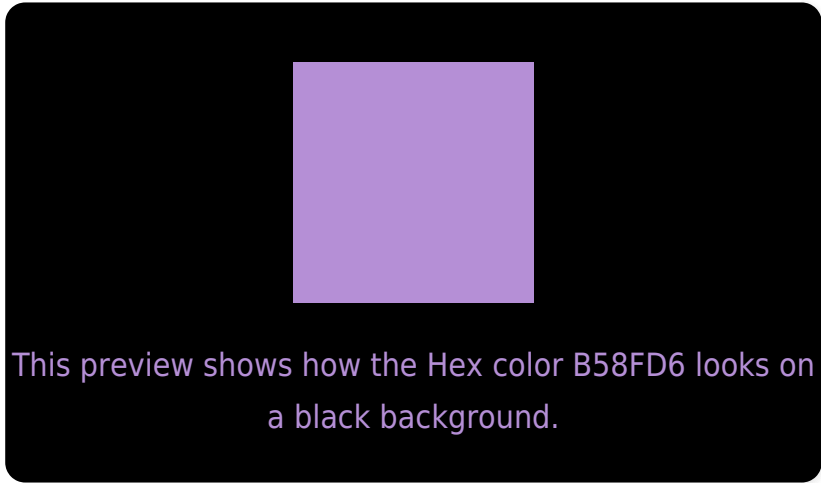
Large Text (above 18pt) WCAG AA × Fail

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

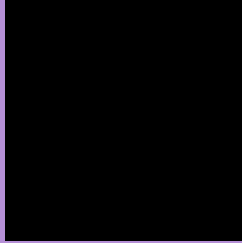
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B58FD6 Background



This preview shows how black text looks on a background with the Hex color B58FD6.

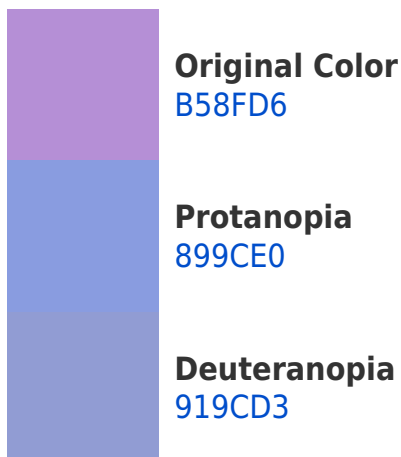



This preview shows how white text looks on a background with the Hex color B58FD6.

# 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](#).

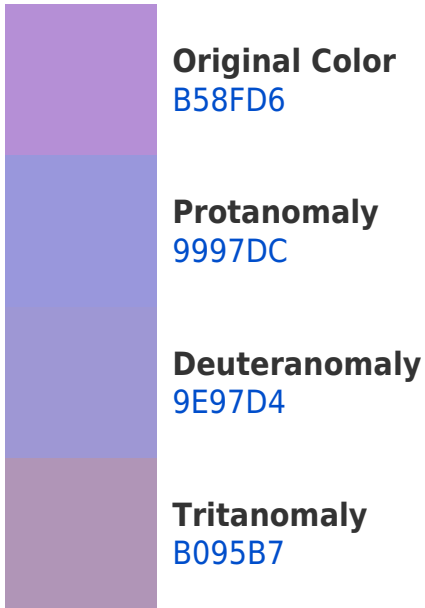
## Dichromacy



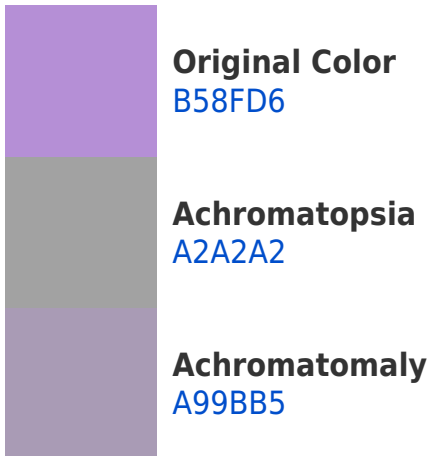


**Tritanopia**  
AD99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B58FD6 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 #B58FD6 looks like.

```
.text, #text, p{  
    color:#B58FD6  
}
```

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 #B58FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B58FD6
}
```

## Border

The CSS property to change the border of an element to Hex B58FD6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

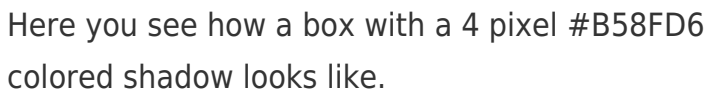
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B58FD6 }
```

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

```
.border{ border-color:#B58FD6 }
```

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



Here you see how a box with a 4 pixel #B58FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B58FD6; -webkit-box-shadow:4px 4px  
4px 4px #B58FD6; box-shadow:4px 4px 4px  
4px #B58FD6 }
```

# Background

The CSS property to change the background color of an element to Hex B58FD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B58FD6 }
```

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

```
.background{ background-color:#B58FD6 }
```

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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