

# Converting Colors

Hex(B0598F)

Have a look what the booklet for  
Hex(B0598F) contains.

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**Color**

**Hex(B0598F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B0598F
RGB	176, 89, 143
RGB Percent	69%, 35%, 56%
CMY	0.3098, 0.6510, 0.4392
CMYK	0.00, 0.49, 0.19, 0.31
HSL	323°, 36%, 52%
HSV	323°, 49%, 69%
XYZ	26.4348, 18.3580, 28.1368
YIQ	121.1690, 34.5180, 35.2380

# Conversions

## Conversions Part 2

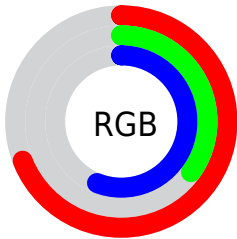
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	176, 89, 143
Decimal	11557263
CIE Lab	49.93, 42.20, -13.72
CIE LCh	50, 44.379, 341.989
Yxy	18.3580, 0.3625, 0.2517
Android (android.graphics.Color)	4289747343 (0xFFB0598F)
YUV	121.1690, 10.7627, 48.0868
Hunter-Lab	42.8463, 35.1479, -8.9428

# Details

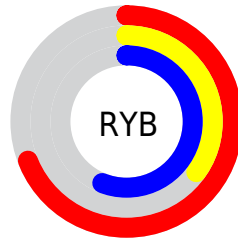
The Hex color **B0598F** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **59B07A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **E98EC5**, and **79255D** is the 20% darker color. If you saturate the color by 10%, you get **B04788**, and if you desaturate by 10%, it is **B06B96**.

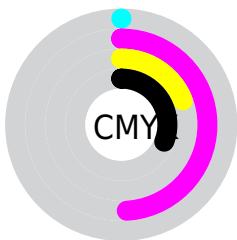
# Distribution



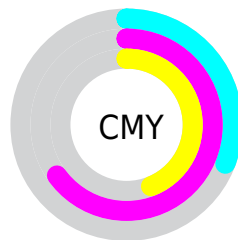
- Red (69%)
- Green (35%)
- Blue (56%)



- Red (69%)
- Yellow (35%)
- Blue (56%)



- Cyan (0%)
- Magenta (49%)
- Yellow (19%)
- Black (31%)



- Cyan (31%)
- Magenta (65%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0598F 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 B0598F by changing the saturation by 10% instead.



 B0598F

 B0598F

FFFFFF

 943F75

 E98EC5

 79255D

 FFA9E1

 5F0645

 FFC5FD

 45002F

 FFE1FF

 2F001A

FFFEFF

 000000

 B0598F

 B0598F

 B04788

 B06B96

 B03682

 B07C9C

 B0247B

 B08EA3

 B01374

 B09FAA

 B0016E

 B0B1B0

 B0006D

 B0C3B7

 B0D4BE

 B0E6C4

 B0F7CB

# Harmonies

## Analogous

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



8D67AF



B0598F



BD5569

# Triad

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



B0598F



7D7A28



0088A8

# Complementary

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



B0598F



59B07A

# 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.



008985



B0598F



54833C

# Square

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



B0598F



9F6D2D



00885E



0081BE

# Rectangle

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



B0598F



BA5A51



00885E



00899E



# Sweetspot

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



B0598F



E6C3D8



7959B0



735E6B



F2F2F2



737373



# Same Dimension

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



B0598F



E65EB2



B05965



595056



99005F



1A0010



# Inverse Universe

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



B0598F



E65EB2



59B0A4



595056



99005F



1A0010



# Previews

## White Background



This preview shows how the Hex color B0598F looks on a white background.

## Color Contrast Check

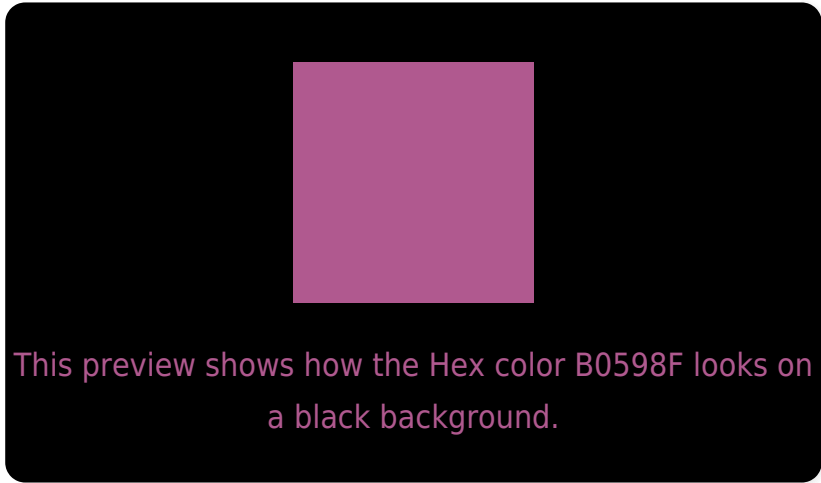
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 B0598F Background



This preview shows how black text looks on a background with the Hex color B0598F.

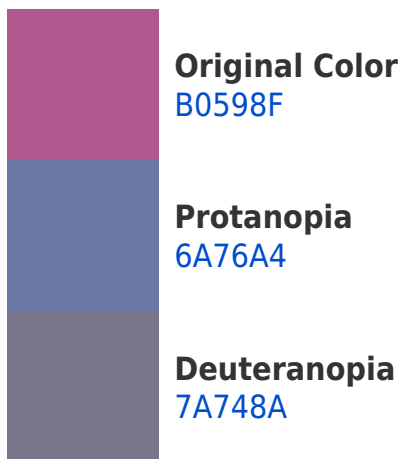


This preview shows how white text looks on a background with the Hex color B0598F.

# 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



**Original Color**  
B0598F



**Protanomaly**  
836B9C



**Deuteranomaly**  
8E6A8C

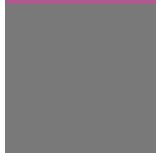


**Tritanomaly**  
AD5E76

# Monochromacy



**Original Color**  
B0598F



**Achromatopsia**  
797979



**Achromatomaly**  
8D6D81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0598F 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 #B0598F looks like.

```
.text, #text, p{  
    color:#B0598F  
}
```

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 #B0598F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0598F
}
```

## Border

The CSS property to change the border of an element to Hex B0598F is called "border". The border property can be set on classes, ids or directly on the HTML element.

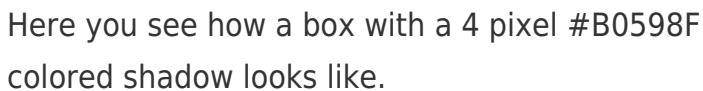
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B0598F }
```

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

```
.border{ border-color:#B0598F }
```

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



Here you see how a box with a 4 pixel #B0598F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0598F; -webkit-box-shadow:4px 4px  
4px 4px #B0598F; box-shadow:4px 4px 4px  
4px #B0598F }
```

# Background

The CSS property to change the background color of an element to Hex B0598F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0598F }
```

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

```
.background{ background-color:#B0598F }
```

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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