

# Converting Colors

Hex(B9458F)

Have a look what the booklet for  
Hex(B9458F) contains.

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**Color**

**Hex(B9458F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B9458F
RGB	185, 69, 143
RGB Percent	73%, 27%, 56%
CMY	0.2745, 0.7294, 0.4392
CMYK	0.00, 0.63, 0.23, 0.27
HSL	322°, 46%, 50%
HSV	322°, 63%, 73%
XYZ	27.0936, 16.5537, 27.7538
YIQ	112.1200, 45.3820, 47.6060

# Conversions

## Conversions Part 2

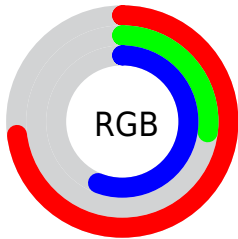
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 69, 143
Decimal	12141967
CIE <sub>Lab</sub>	47.69, 54.53, -16.99
CIE <sub>LCh</sub>	48, 57.113, 342.689
Yxy	16.5537, 0.3795, 0.2318
Android (android.graphics.Color)	4290332047 (0xFFB9458F)
YUV	112.1200, 15.2238, 63.9158
Hunter-Lab	40.6862, 47.6651, -11.9638

# Details

The Hex color **B9458F** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **45B96F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **F47CC5**, and **80005D** is the 20% darker color. If you saturate the color by 10%, you get **B93388**, and if you desaturate by 10%, it is **B95796**.

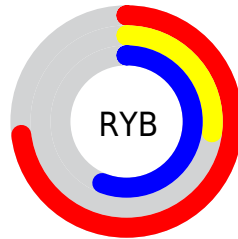
# Distribution



Red (73%)

Green (27%)

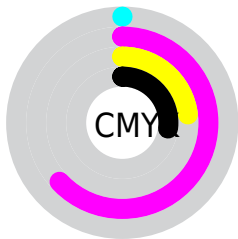
Blue (56%)



Red (73%)

Yellow (27%)

Blue (56%)

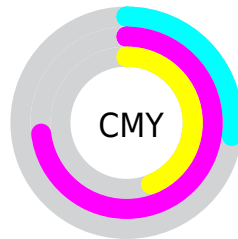


Cyan (0%)

Magenta (63%)

Yellow (23%)

Black (27%)



Cyan (27%)

Magenta (73%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9458F 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 B9458F by changing the saturation by 10% instead.



 B9458F

 B9458F

FFFFFF

 9C2875

 F47CC5

 80005D

 FF97E1

 650045

 FFB3FE

 4A002E

 FFD0FF

 32001A

 FFEDFF

 040000

 000000

 B9458F

 B9458F

 B93388

 B95796

 B92082

 B96A9C

 B90D7B

 B97DA3

 B90076

 B98FAA

 B9A2B0

 B9B4B7

 B9C6BE

 B9D9C5

 B9EBCB

# Harmonies

## Analogous

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



8D5BB9



B9458F



C73F5F

# Triad

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



B9458F



757500



0085B2

# Complementary

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



B9458F



45B96F

# 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.



008785



B9458F



3E8023

# Square

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



B9458F



9F6503



008653



007ECD

# Rectangle

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



B9458F



C24940



008653



0087A4



# Sweetspot

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



B9458F



F0C2DF



6E45B9



785C6E



F7F7F7



787878



# Same Dimension

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



B9458F



F03CAF



B94556



5C5358



9C0063



1C0012



# Inverse Universe

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



B9458F



F03CAF



45B9A8



5C5358



9C0063



1C0012



# Previews

## White Background



This preview shows how the Hex color B9458F looks on a white background.

## Color Contrast Check

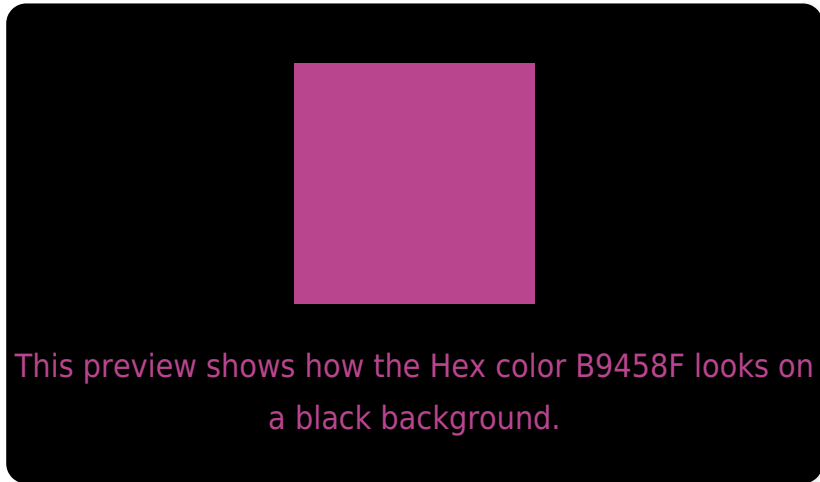
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B9458F Background



This preview shows how black text looks on a background with the Hex color B9458F.

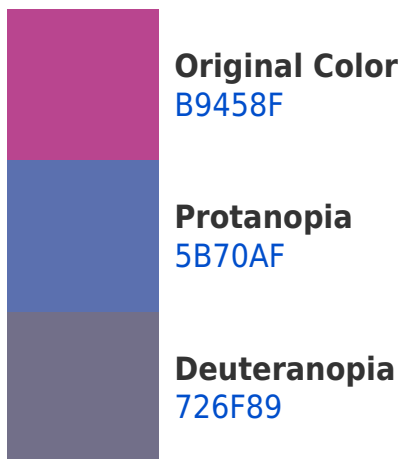



This preview shows how white text looks on a background with the Hex color B9458F.

# 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**  
B45358

# Trichromacy



**Original Color**  
B9458F



**Protanomaly**  
7D60A3



**Deuteranomaly**  
8C608B



**Tritanomaly**  
B64E6C

# Monochromacy



**Original Color**  
B9458F



**Achromatopsia**  
707070



**Achromatomaly**  
8B607B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9458F 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 #B9458F looks like.

```
.text, #text, p{  
    color:#B9458F  
}
```

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 #B9458F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9458F
}
```

## Border

The CSS property to change the border of an element to Hex B9458F is called "border". The border property can be set on classes, ids or directly on the HTML element.

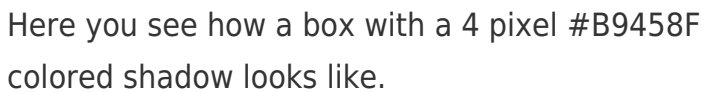
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B9458F }
```

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

```
.border{ border-color:#B9458F }
```

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



Here you see how a box with a 4 pixel `#B9458F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9458F; -webkit-box-shadow:4px 4px  
4px 4px #B9458F; box-shadow:4px 4px 4px  
4px #B9458F }
```

# Background

The CSS property to change the background color of an element to Hex B9458F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9458F }
```

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

```
.background{ background-color:#B9458F }
```

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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