

# Converting Colors

Hex(8178B9)

Have a look what the booklet for  
Hex(8178B9) contains.

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# Color

**Hex(8178B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8178B9
RGB	129, 120, 185
RGB Percent	51%, 47%, 73%
CMY	0.4941, 0.5294, 0.2745
CMYK	0.30, 0.35, 0.00, 0.27
HSL	248°, 32%, 60%
HSV	248°, 35%, 73%
XYZ	24.5267, 21.6029, 48.7760
YIQ	130.1010, -15.5010, 22.1230

# Conversions

## Conversions Part 2

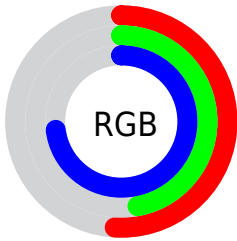
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	129, 120, 185
Decimal	8485049
CIE Lab	53.60, 18.31, -33.03
CIE LCh	54, 37.762, 299.007
Yxy	21.6029, 0.2584, 0.2276
Android (android.graphics.Color)	4286675129 (0xFF8178B9)
YUV	130.1010, 27.0652, -0.9656
Hunter-Lab	46.4789, 12.8556, -29.6851

# Details

The Hex color **8178B9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B0B978**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B7ACF1**, and **4D4884** is the 20% darker color. If you saturate the color by 10%, you get **7166B9**, and if you desaturate by 10%, it is **918BB9**.

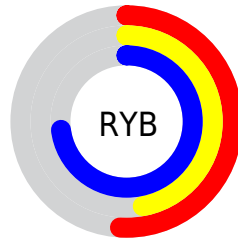
# Distribution



Red (51%)

Green (47%)

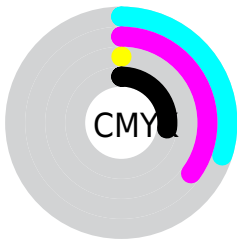
Blue (73%)



Red (51%)

Yellow (47%)

Blue (73%)

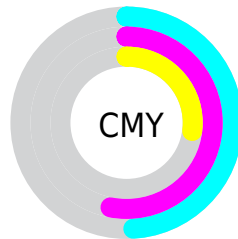


Cyan (30%)

Magenta (35%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (53%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8178B9 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 8178B9 by changing the saturation by 10% instead.



■ 8178B9

FFFFFF

■ B7ACF1

■ D3C8FF

■ F0E4FF

■ 8178B9

■ 675F9E

■ 4D4884

■ 34316A

■ 1B1C52

■ 01043A

■ 000224

■ 00000C

■ 000000

■ 8178B9

■ 8178B9

7166B9

918BB9

6153B9

A19DB9

5141B9

B1B0B9

412EB9

C1C2B9

311CB9

D1D5B9

2109B9

E1E7B9

1A00B9

F1FAB9

FFFFB9

# Harmonies

## Analogous

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



4784C1



8178B9



A76CA2

# Triad

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



8178B9



AE7249



00917E

# Complementary

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



8178B9



B0B978

# 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.



4C8E5D



8178B9



957E3E

# Square

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



8178B9



BD6862



748845



00909F

# Rectangle

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



8178B9



B7678D



748845



259073



# Sweetspot

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



8178B9



D9D5F0



78B0B9



6A6878



F7F7F7



787878



# Same Dimension

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



8178B9



998BF0



A178B9



54535C



16009C



04001C



# Inverse Universe

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



B978B0



F08BE2



90B978



5C535B



9C0086



1C0018



# Previews

## White Background



This preview shows how the Hex color 8178B9 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



This preview shows how the Hex color 8178B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

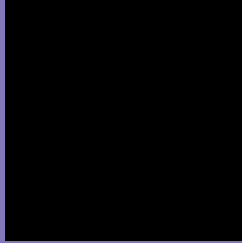
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8178B9 Background



This preview shows how black text looks on a background with the Hex color 8178B9.

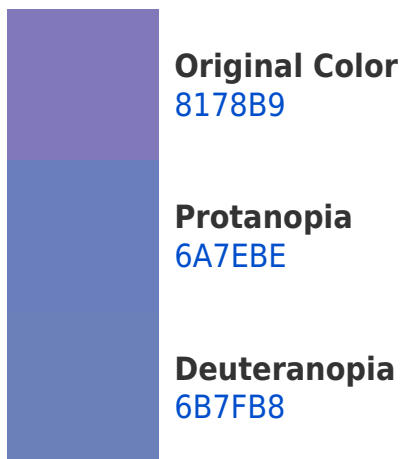


This preview shows how white text looks on a background with the Hex color 8178B9.

# 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](#).

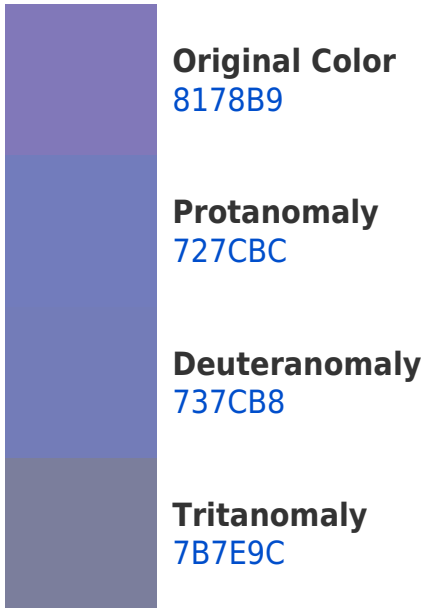
## Dichromacy



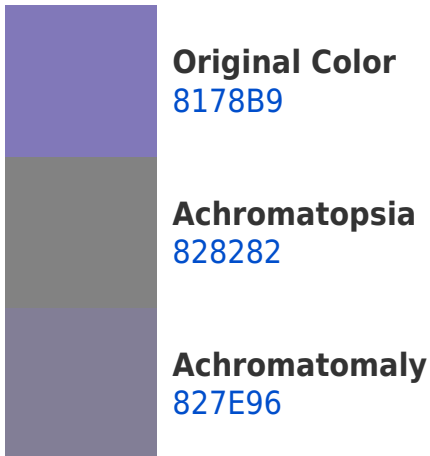


**Tritanopia**  
78818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8178B9 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 #8178B9 looks like.

```
.text, #text, p{  
    color:#8178B9  
}
```

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 #8178B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8178B9
}
```

## Border

The CSS property to change the border of an element to Hex 8178B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

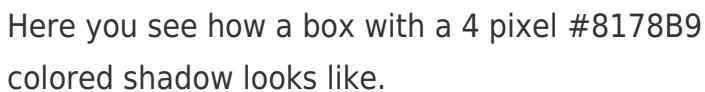
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8178B9 }
```

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

```
.border{ border-color:#8178B9 }
```

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



Here you see how a box with a 4 pixel #8178B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8178B9; -webkit-box-shadow:4px 4px  
4px 4px #8178B9; box-shadow:4px 4px 4px  
4px #8178B9 }
```

# Background

The CSS property to change the background color of an element to Hex 8178B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8178B9 }
```

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

```
.background{ background-color:#8178B9 }
```

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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