

# Converting Colors

Hex(8179A9)

Have a look what the booklet for  
Hex(8179A9) contains.

<b>Hex(8179A9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8179A9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8179A9
RGB	129, 121, 169
RGB Percent	51%, 47%, 66%
CMY	0.4941, 0.5255, 0.3373
CMYK	0.24, 0.28, 0.00, 0.34
HSL	250°, 22%, 57%
HSV	250°, 28%, 66%
XYZ	23.0521, 21.2064, 40.4144
YIQ	128.8640, -10.6400, 16.6240

# Conversions

## Conversions Part 2

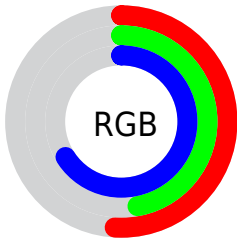
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 121, 169
Decimal	8485289
CIE <sub>Lab</sub>	53.17, 13.65, -24.47
CIE <sub>LCh</sub>	53, 28.014, 299.151
Yxy	21.2064, 0.2722, 0.2505
Android (android.graphics.Color)	4286675369 (0xFF8179A9)
YUV	128.8640, 19.7870, 0.1193
Hunter-Lab	46.0505, 8.7657, -19.7982

# Details

The Hex color **8179A9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A1A979**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B7ADE0**, and **4F4875** is the 20% darker color. If you saturate the color by 10%, you get **7368A9**, and if you desaturate by 10%, it is **8F8AA9**.

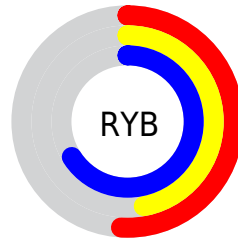
# Distribution



Red (51%)

Green (47%)

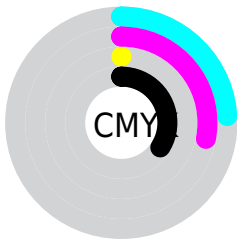
Blue (66%)



Red (51%)

Yellow (47%)

Blue (66%)

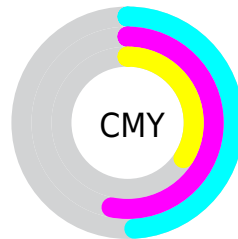


Cyan (24%)

Magenta (28%)

Yellow (0%)

Black (34%)



Cyan (49%)

Magenta (53%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8179A9 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 8179A9 by changing the saturation by 10% instead.



■ 8179A9

■ 8179A9

FFFFFF

■ 67608E

■ B7ADE0

■ 4F4875

■ D2C9FD

■ 37325C

■ EFE5FF

■ 1F1D44

■ 0B042E

■ 000118

■ 000000

■ 8179A9

■ 8179A9

■ 7368A9

■ 8F8AA9

6557A9

9D9BA9

5746A9

ABACA9

4935A9

B9BDA9

3B24A9

C7CDA9

2D14A9

D5DEA9

1E03A9

E4EFA9

1C00A9

F2FFA9

FFFA9

# Harmonies

## Analogous

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



5C81AF



8179A9



9D7198

# Triad

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



8179A9



A37556



3D8C7D

# Complementary

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



8179A9



A1A979

# 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.



5A8A66



8179A9



907D4F

# Square

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



8179A9



AE6E69



778554



278B96

# Rectangle

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



8179A9



A86D89



778554



468B75



# Sweetspot

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



8179A9



CBC8DB



79A1A9



64626E



EDEDED



6E6E6E



# Same Dimension

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



8179A9



9D91DB



9979A9



4D4C54



190094



030014



# Inverse Universe

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



A979A1



DB91CF



89A979



544C53



94007B



140011



# Previews

## White Background



This preview shows how the Hex color 8179A9 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 8179A9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

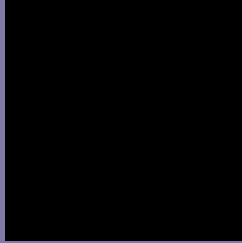
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8179A9 Background



This preview shows how black text looks on a background with the Hex color 8179A9.

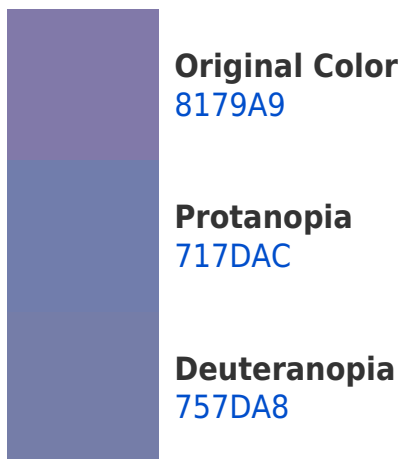


This preview shows how white text looks on a background with the Hex color 8179A9.

# 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](#).

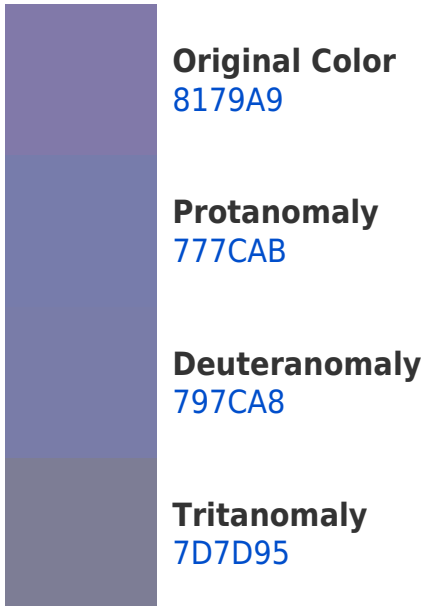
## Dichromacy





**Tritanopia**  
7B7F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8179A9 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 #8179A9 looks like.

```
.text, #text, p{  
    color:#8179A9  
}
```

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 #8179A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8179A9
}
```

## Border

The CSS property to change the border of an element to Hex 8179A9 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
#8179A9 }
```

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

```
.border{ border-color:#8179A9 }
```

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

Here you see how a box with a 4 pixel #8179A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8179A9; -webkit-box-shadow:4px 4px  
4px 4px #8179A9; box-shadow:4px 4px 4px  
4px #8179A9 }
```

# Background

The CSS property to change the background color of an element to Hex 8179A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8179A9 }
```

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

```
.background{ background-color:#8179A9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor