

# Converting Colors

Hex(879195)

Have a look what the booklet for  
Hex(879195) contains.

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# Color

**Hex(879195)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	879195
RGB	135, 145, 149
RGB Percent	53%, 57%, 58%
CMY	0.4706, 0.4314, 0.4157
CMYK	0.09, 0.03, 0.00, 0.42
HSL	197°, 6%, 56%
HSV	197°, 9%, 58%
XYZ	25.5419, 27.5716, 32.4094
YIQ	142.4660, -7.2440, -0.8760

# Conversions

## Conversions Part 2

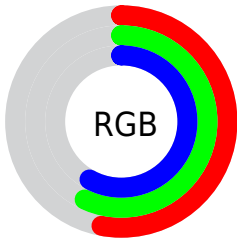
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 141, 149
Decimal	8884629
CIE <sub>Lab</sub>	59.50, -2.77, -3.36
CIE <sub>LCh</sub>	59, 4.360, 230.511
Yxy	27.5716, 0.2987, 0.3224
Android (android.graphics.Color)	4287074709 (0xFF879195)
YUV	142.4660, 3.2213, -6.5477
Hunter-Lab	52.5087, -5.0621, 0.1611

# Details

The Hex color **879195** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **958B87**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **BCC7CB**, and **555F62** is the 20% darker color. If you saturate the color by 10%, you get **788D95**, and if you desaturate by 10%, it is **969595**.

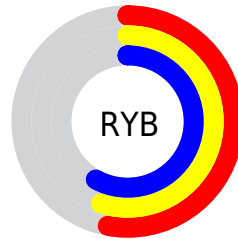
# Distribution



Red (53%)

Green (57%)

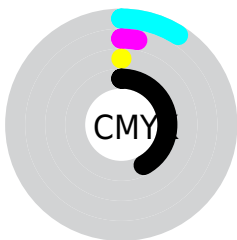
Blue (58%)



Red (53%)

Yellow (55%)

Blue (58%)

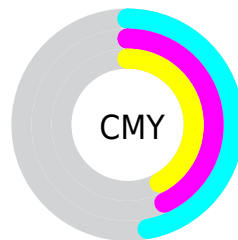


Cyan (9%)

Magenta (3%)

Yellow (0%)

Black (42%)



Cyan (47%)

Magenta (43%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 879195 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 879195 by changing the saturation by 10% instead.



■ 879195

■ 879195

FFFFFF

■ 6E777B

■ BCC7CB

■ 555F62

■ D8E3E7

■ 3E474B

■ F5FFFF

■ 283134

■ 141C1F

■ 000006

■ 000000

■ 879195

■ 879195

■ 788D95

■ 969595

698895

A59A95

5A8495

B49E95

4B8095

C3A295

3C7C95

D2A695

2E7795

E0AB95

1F7395

EFAF95

106F95

FEB395

016B95

FFB795

# Harmonies

## Analogous

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



869292



879195



8A9097

# Triad

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



879195



978D91



909088

# Complementary

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



879195



958B87

# 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.



948F88



879195



988D8D

# Square

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



879195



938E94



978D89



8B918A

# Rectangle

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



879195



8D8F97



978D89



918F88



# Sweetspot

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



879195



BCC0C2



87958B



5D6061



E0E0E0



616161



# Same Dimension

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



879195



ACBCC2



878A95



43484A



00628A



00070A



# Inverse Universe

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



958791



C2ACBC



959287



4A4348



8A0062



0A0007



# Previews

## White Background



This preview shows how the Hex color 879195 looks on a white background.

## Color Contrast Check

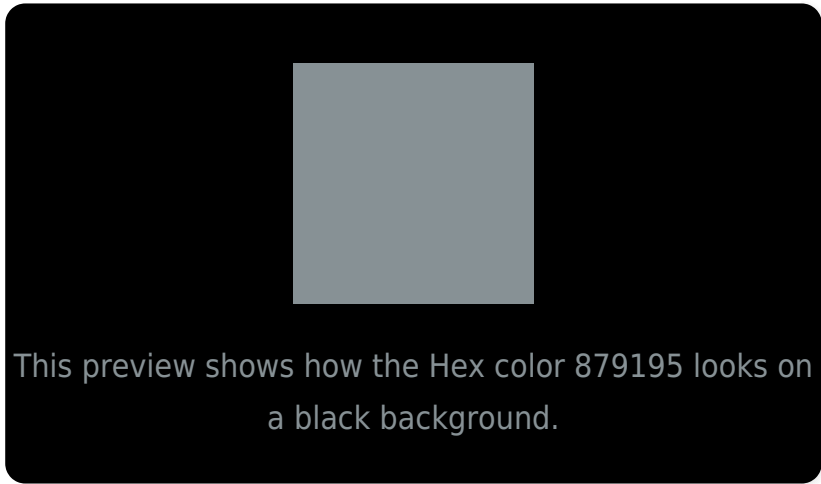
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

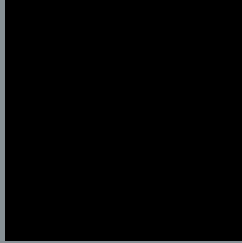
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

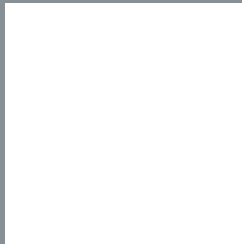
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 879195 Background



This preview shows how black text looks on a background with the Hex color 879195.



This preview shows how white text looks on a background with the Hex color 879195.

# 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



**Original Color**  
879195

**Protanopia**  
908E93

**Deuteranopia**  
9A8B96



**Tritanopia**  
88909B

# Trichromacy



**Original Color**  
879195

**Protanomaly**  
8D8F94

**Deuteranomaly**  
938D96

**Tritanomaly**  
889099

# Monochromacy



**Original Color**  
879195

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
8B8F91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 879195 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 #879195 looks like.

```
.text, #text, p{  
  color:#879195  
}
```

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 #879195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879195
}
```

## Border

The CSS property to change the border of an element to Hex 879195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

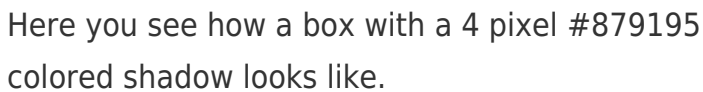
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#879195 }
```

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

```
.border{ border-color:#879195 }
```

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



Here you see how a box with a 4 pixel #879195 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879195; -webkit-box-shadow:4px 4px  
4px 4px #879195; box-shadow:4px 4px 4px  
4px #879195 }
```

# Background

The CSS property to change the background color of an element to Hex 879195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879195 }
```

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

```
.background{ background-color:#879195 }
```

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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