

# Converting Colors

Hex(879391)

Have a look what the booklet for  
Hex(879391) contains.

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# Color

**Hex(879391)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	879391
RGB	135, 147, 145
RGB Percent	53%, 58%, 57%
CMY	0.4706, 0.4235, 0.4314
CMYK	0.08, 0.00, 0.01, 0.42
HSL	170°, 5%, 55%
HSV	170°, 8%, 58%
XYZ	25.5362, 28.0627, 30.8588
YIQ	143.1840, -6.5100, -3.1660

# Conversions

## Conversions Part 2

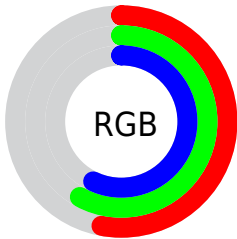
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	135, 142, 147
Decimal	8885137
CIE Lab	59.95, -4.72, -0.43
CIE LCh	60, 4.737, 185.231
Yxy	28.0627, 0.3024, 0.3323
Android (android.graphics.Color)	4287075217 (0xFF879391)
YUV	143.1840, 0.8953, -7.1774
Hunter-Lab	52.9742, -6.6589, 2.5440

# Details

The Hex color **879391** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **938789**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **BCC9C7**, and **55605F** is the 20% darker color. If you saturate the color by 10%, you get **78938F**, and if you desaturate by 10%, it is **969393**.

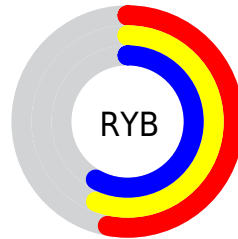
# Distribution



Red (53%)

Green (58%)

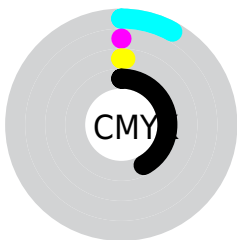
Blue (57%)



Red (53%)

Yellow (56%)

Blue (58%)

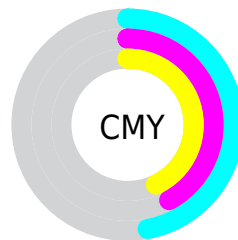


Cyan (8%)

Magenta (0%)

Yellow (1%)

Black (42%)



Cyan (47%)

Magenta (42%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 879391 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 879391 by changing the saturation by 10% instead.



■ 879391

■ 879391

FFFFFF

■ 6E7977

■ BCC9C7

■ 55605F

■ D8E5E3

■ 3E4947

■ F4FFFF

■ 283231

■ 141D1C

■ 000001

■ 000000

■ 879391

■ 879391

■ 78938F

■ 969393

6A938C

A49396

5B938A

B39398

4C9387

C2939B

3E9385

D1939D

2F9382

DF93A0

209380

EE93A2

11937D

FD93A5

03937B

FF93A7

# Harmonies

## Analogous

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



8A938D



879391



879395

# Triad

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



879391



928F97



978F89

# Complementary

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



879391



938789

# 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.



9A8E8C



879391



978E94

# Square

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



879391



8D9199



998E90



939088

# Rectangle

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



879391



889297



998E90



988F8A



# Sweetspot

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



879391



BBFBF



899387



5F6161



E0E0E0



616161



# Same Dimension

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



879391



ACBFBC



878F93



434A49



008A73



000A09



# Inverse Universe

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



938789



BFACAF



938B87



4A4344



8A0017



0A0002



# Previews

## White Background



This preview shows how the Hex color 879391 looks on a white background.

## Color Contrast Check

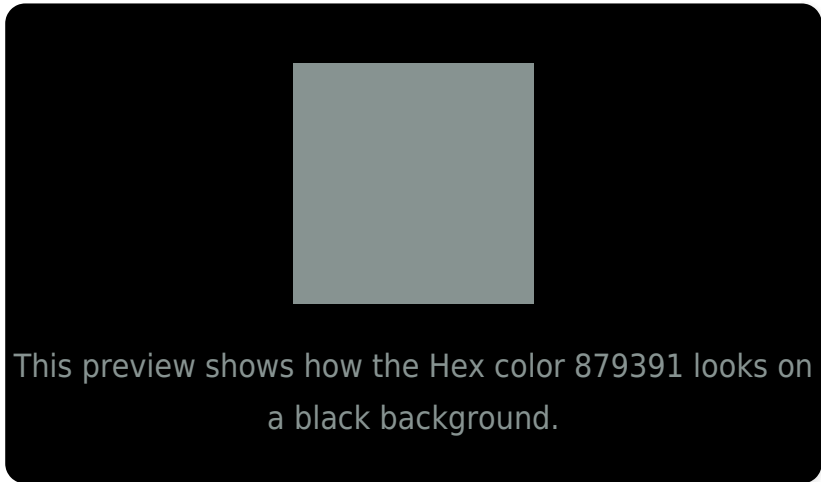
Large Text (above 18pt) WCAG AA ✓ Pass

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

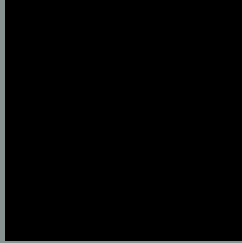
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

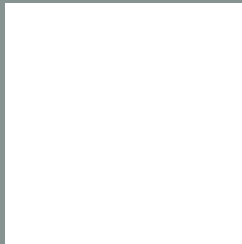
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 879391 Background



This preview shows how black text looks on a background with the Hex color 879391.



This preview shows how white text looks on a background with the Hex color 879391.

# 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](#).

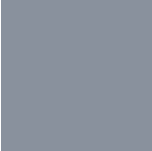
## Dichromacy



**Original Color**  
879391

**Protanopia**  
93908F

**Deuteranopia**  
9D8C92



**Tritanopia**  
89919D

# Trichromacy



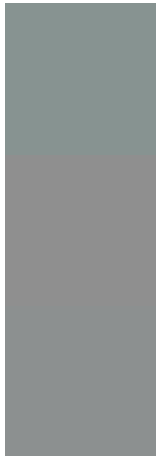
**Original Color**  
879391

**Protanomaly**  
8F9190

**Deuteranomaly**  
958F92

**Tritanomaly**  
889299

# Monochromacy



**Original Color**  
879391

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
8C9090

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 879391 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 #879391 looks like.

```
.text, #text, p{  
    color:#879391  
}
```

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 #879391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879391
}
```

## Border

The CSS property to change the border of an element to Hex 879391 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
#879391 }
```

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

```
.border{ border-color:#879391 }
```

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

Here you see how a box with a 4 pixel #879391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879391; -webkit-box-shadow:4px 4px  
4px 4px #879391; box-shadow:4px 4px 4px  
4px #879391 }
```

# Background

The CSS property to change the background color of an element to Hex 879391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879391 }
```

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

```
.background{ background-color:#879391 }
```

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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