

# Converting Colors

Hex(857D91)

Have a look what the booklet for  
Hex(857D91) contains.

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# Color

**Hex(857D91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	857D91
RGB	133, 125, 145
RGB Percent	52%, 49%, 57%
CMY	0.4784, 0.5098, 0.4314
CMYK	0.08, 0.14, 0.00, 0.43
HSL	264°, 8%, 53%
HSV	264°, 14%, 57%
XYZ	22.1173, 21.6981, 29.8105
YIQ	129.6720, -1.6520, 7.9160

# Conversions

## Conversions Part 2

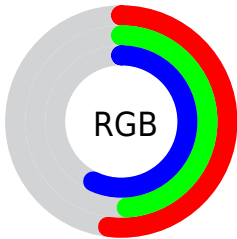
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 125, 145
Decimal	8748433
CIE Lab	53.71, 7.09, -9.69
CIE LCh	54, 12.001, 306.190
Yxy	21.6981, 0.3004, 0.2947
Android (android.graphics.Color)	4286938513 (0xFF857D91)
YUV	129.6720, 7.5567, 2.9187
Hunter-Lab	46.5812, 3.2367, -5.3369

# Details

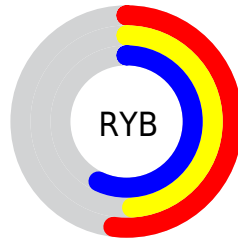
The Hex color **857D91** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **89917D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **BAB2C7**, and **534C5F** is the 20% darker color. If you saturate the color by 10%, you get **7C6E91**, and if you desaturate by 10%, it is **8E8B91**.

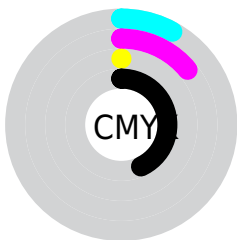
# Distribution



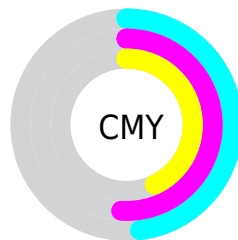
- Red (52%)
- Green (49%)
- Blue (57%)



- Red (52%)
- Yellow (49%)
- Blue (57%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (43%)



- Cyan (48%)
- Magenta (51%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 857D91 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 857D91 by changing the saturation by 10% instead.



■ 857D91

■ 857D91

FFFFFF

■ 6C6477

■ BAB2C7

■ 534C5F

■ D6CDE3

■ 3C3547

■ F2E9FF

■ 262030

■ 13091C

■ 000000

■ 857D91

■ 857D91

■ 7C6E91

■ 8E8B91

■ 746091

■ 969A91

6B5291

9FA991

624391

A8B791

593591

B1C691

512691

B9D491

481791

C2E391

3F0991

CBF191

3A0091

D3FF91

# Harmonies

## Analogous

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



788095



857D91



907A89

# Triad

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



857D91



907D6E



678682

# Complementary

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



857D91



89917D

# 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.



6F8678



857D91



86806C

# Square

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



857D91



967A75



7B8370



66868C

# Rectangle

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



857D91



947982



7B8370



69867F



# Sweetspot

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



857D91



B8B5BD



7D8991



5C5A5E



DEDEDE



5E5E5E



# Same Dimension

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



857D91



A99DBD



8F7D91



434047



360087



030008



# Inverse Universe

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



917D89



BD9DB0



7F917D



474045



870051



080005



# Previews

## White Background



This preview shows how the Hex color 857D91 looks on a white background.

## Color Contrast Check

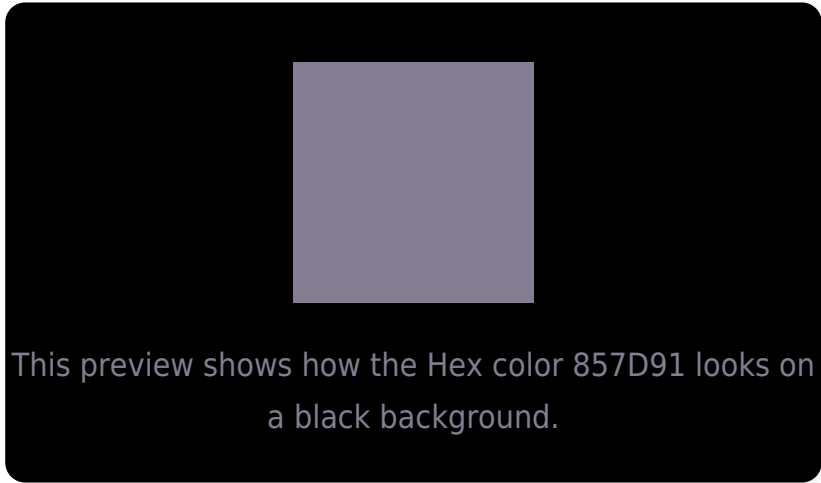
Large Text (above 18pt) WCAG AA ✓ Pass

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

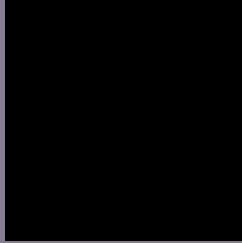
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 857D91 Background



This preview shows how black text looks on a background with the Hex color 857D91.



This preview shows how white text looks on a background with the Hex color 857D91.

# 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**  
857D91

**Protanopia**  
7D7F93

**Deuteranopia**  
857D91



**Tritanopia**  
847E88

# Trichromacy



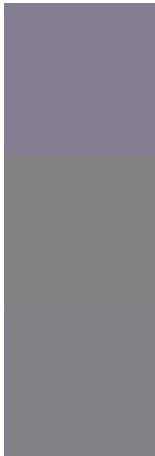
**Original Color**  
857D91

**Protanomaly**  
807E92

**Deuteranomaly**  
857D91

**Tritanomaly**  
847E8B

# Monochromacy



**Original Color**  
857D91

**Achromatopsia**  
828282

**Achromatomaly**  
838087

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 857D91 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 #857D91 looks like.

```
.text, #text, p{  
    color:#857D91  
}
```

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 #857D91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #857D91
}
```

## Border

The CSS property to change the border of an element to Hex 857D91 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
#857D91 }
```

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

```
.border{ border-color:#857D91 }
```

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

Here you see how a box with a 4 pixel #857D91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #857D91; -webkit-box-shadow:4px 4px  
4px 4px #857D91; box-shadow:4px 4px 4px  
4px #857D91 }
```

# Background

The CSS property to change the background color of an element to Hex 857D91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#857D91 }
```

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

```
.background{ background-color:#857D91 }
```

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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