

# Converting Colors

Hex(857A87)

Have a look what the booklet for  
Hex(857A87) contains.

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# Color

Hex(857A87)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	857A87
RGB	133, 122, 135
RGB Percent	52%, 48%, 53%
CMY	0.4784, 0.5216, 0.4706
CMYK	0.01, 0.10, 0.00, 0.47
HSL	291°, 5%, 50%
HSV	291°, 10%, 53%
XYZ	21.0056, 20.6549, 25.8013
YIQ	126.7710, 2.3830, 6.3750

# Conversions

## Conversions Part 2

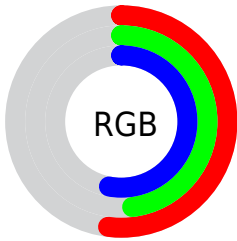
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 122, 135
Decimal	8747655
CIE <sub>Lab</sub>	52.57, 6.74, -5.54
CIE <sub>LCh</sub>	53, 8.723, 320.580
Yxy	20.6549, 0.3114, 0.3062
Android (android.graphics.Color)	4286937735 (0xFF857A87)
YUV	126.7710, 4.0569, 5.4628
Hunter-Lab	45.4476, 2.9680, -1.8465

# Details

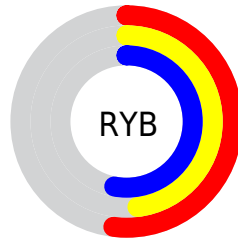
The Hex color **857A87** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C877A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BAAEBC**, and **534955** is the 20% darker color. If you saturate the color by 10%, you get **836D87**, and if you desaturate by 10%, it is **878887**.

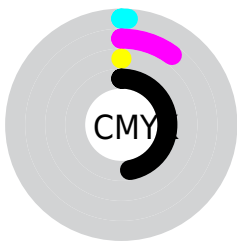
# Distribution



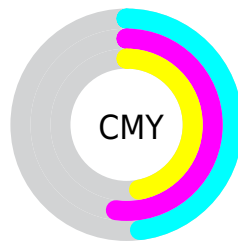
- Red (52%)
- Green (48%)
- Blue (53%)



- Red (52%)
- Yellow (48%)
- Blue (53%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (47%)



- Cyan (48%)
- Magenta (52%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 857A87 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 857A87 by changing the saturation by 10% instead.





857A87



857A87

FFFFFF



6C616E



BAAEBC



534955



D6CAD8



3C333E



F2E6F4



271E28



120514



000000



857A87



857A87



836D87



878887



815F87



899587

 7F5287

 8BA387

 7D4487

 8DB087

 7B3787

 8FB E87

 792987

 91CB87

 761C87

 94D987

 740E87

 96E687

 720187

 98F487

# Harmonies

## Analogous

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



7C7C8B



857A87



8B7980

# Triad

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



857A87



867C6F



6B8282

# Complementary

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



857A87



7C877A

# 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.



6E827B



857A87



7E7F6F

# Square

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



857A87



8C7A72



758174



6C8189

# Rectangle

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



857A87



8D787B



758174



6B8280



# Sweetspot

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



857A87



AFABB0



7A7C87



595659



D9D9D9



595959



# Same Dimension

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



857A87



AD9BB0



877A83



413C42



6E0082



020003



# Inverse Universe

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



877A7C



B09B9E



7A877E



423C3D



820014



030000



# Previews

## White Background



This preview shows how the Hex color 857A87 looks on a white background.

## Color Contrast Check

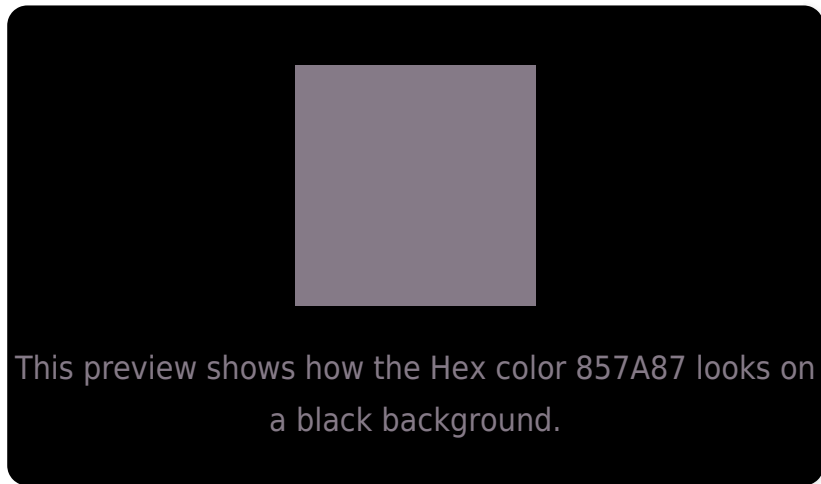
Large Text (above 18pt) WCAG AA ✓ Pass

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

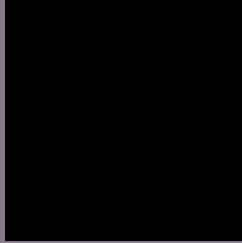
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 857A87 Background



This preview shows how black text looks on a background with the Hex color 857A87.



This preview shows how white text looks on a background with the Hex color 857A87.

# 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**  
857A87

**Protanopia**  
7C7D89

**Deuteranopia**  
857A87



**Tritanopia**  
857A84

# Trichromacy



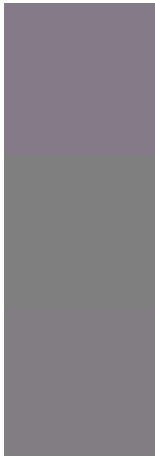
**Original Color**  
857A87

**Protanomaly**  
7F7C88

**Deuteranomaly**  
857A87

**Tritanomaly**  
857A85

# Monochromacy



**Original Color**  
857A87

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
817D82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 857A87 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 #857A87 looks like.

```
.text, #text, p{  
    color:#857A87  
}
```

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 #857A87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #857A87
}
```

## Border

The CSS property to change the border of an element to Hex 857A87 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
#857A87 }
```

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

```
.border{ border-color:#857A87 }
```

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

Here you see how a box with a 4 pixel #857A87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #857A87; -webkit-box-shadow:4px 4px  
4px 4px #857A87; box-shadow:4px 4px 4px  
4px #857A87 }
```

# Background

The CSS property to change the background color of an element to Hex 857A87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#857A87 }
```

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

```
.background{ background-color:#857A87 }
```

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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