

# Converting Colors

Hex(857B86)

Have a look what the booklet for  
Hex(857B86) contains.

<b>Hex(857B86)</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(857B86)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	857B86
RGB	133, 123, 134
RGB Percent	52%, 48%, 53%
CMY	0.4784, 0.5176, 0.4745
CMYK	0.01, 0.08, 0.00, 0.47
HSL	295°, 4%, 50%
HSV	295°, 8%, 53%
XYZ	21.0589, 20.8737, 25.4734
YIQ	127.2440, 2.4290, 5.5410

# Conversions

## Conversions Part 2

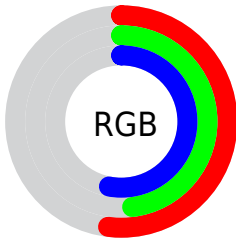
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 123, 134
Decimal	8747910
CIE Lab	52.81, 5.95, -4.60
CIE LCh	53, 7.522, 322.334
Yxy	20.8737, 0.3124, 0.3097
Android (android.graphics.Color)	4286937990 (0xFF857B86)
YUV	127.2440, 3.3307, 5.0480
Hunter-Lab	45.6877, 2.3227, -1.0759

# Details

The Hex color **857B86** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C867B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BAAFBB**, and **534A54** is the 20% darker color. If you saturate the color by 10%, you get **846E86**, and if you desaturate by 10%, it is **868886**.

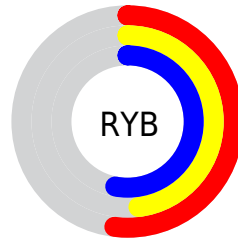
# Distribution



Red (52%)

Green (48%)

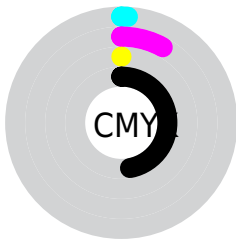
Blue (53%)



Red (52%)

Yellow (48%)

Blue (53%)

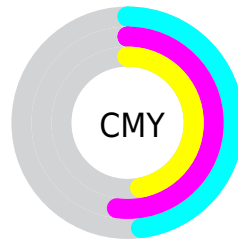


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (47%)



Cyan (48%)

Magenta (52%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 857B86 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 857B86 by changing the saturation by 10% instead.



■ 857B86

■ 857B86

FFFFFF

■ 6C626D

■ BAAFBB

■ 534A54

■ D6CBD7

■ 3C343D

■ F2E7F3

■ 271F28

■ 120613

■ 000000

■ 857B86

■ 857B86

■ 846E86

■ 868886

■ 836086

■ 879686

815386

89A386

804586

8AB186

7F3886

8BBE86

7E2B86

8CCB86

7C1D86

8ED986

7B1086

8FE686

7A0286

90F486

# Harmonies

## Analogous

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



7D7D8A



857B86



8A7A80

# Triad

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



857B86



857D71



6E8283

# Complementary

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



857B86



7C867B

# 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.



71827C



857B86



7E7F72

# Square

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



857B86



8A7B74



778176



708188

# Rectangle

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



857B86



8C7A7C



778176



6F8281



# Sweetspot

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



857B86



ADAAAD



7B7C86



575557



D6D6D6



575757



# Same Dimension

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



857B86



AC9CAD



867B82



423C42



760082



020003



# Inverse Universe

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



867B7C



AD9C9E



7B867F



423C3C



82000C



030000



# Previews

## White Background



This preview shows how the Hex color 857B86 looks on a white background.

## Color Contrast Check

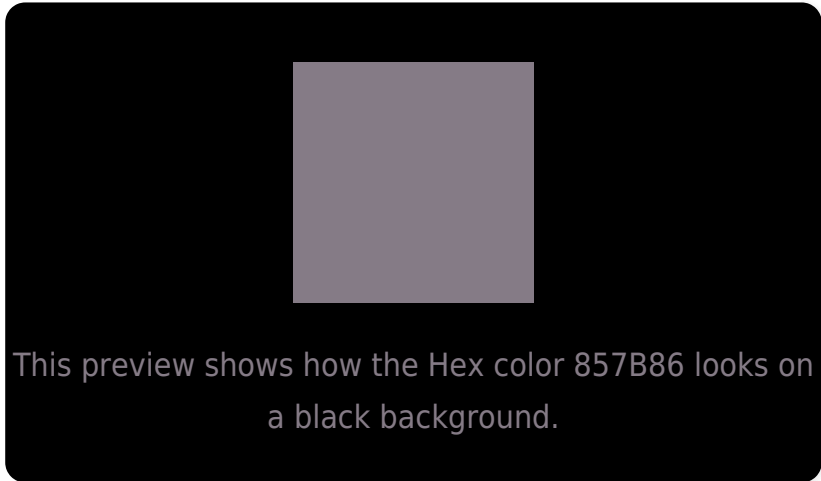
Large Text (above 18pt) WCAG AA ✓ Pass

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

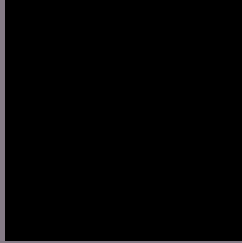
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 857B86 Background



This preview shows how black text looks on a background with the Hex color 857B86.



This preview shows how white text looks on a background with the Hex color 857B86.

# 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**  
857B86

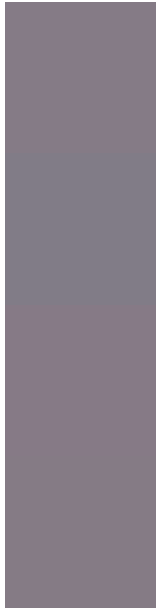
**Protanopia**  
7E7D87

**Deuteranopia**  
877A86



**Tritanopia**  
857B85

# Trichromacy



**Original Color**  
857B86

**Protanomaly**  
817C87

**Deuteranomaly**  
867A86

**Tritanomaly**  
857B85

# Monochromacy



**Original Color**  
857B86

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
817E82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 857B86 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 #857B86 looks like.

```
.text, #text, p{  
    color:#857B86  
}
```

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 #857B86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #857B86
}
```

## Border

The CSS property to change the border of an element to Hex 857B86 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
#857B86 }
```

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

```
.border{ border-color:#857B86 }
```

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

Here you see how a box with a 4 pixel #857B86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #857B86; -webkit-box-shadow:4px 4px  
4px 4px #857B86; box-shadow:4px 4px 4px  
4px #857B86 }
```

# Background

The CSS property to change the background color of an element to Hex 857B86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#857B86 }
```

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

```
.background{ background-color:#857B86 }
```

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