

# Converting Colors

Hex(8A757F)

Have a look what the booklet for  
Hex(8A757F) contains.

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**Color**

**Hex(8A757F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A757F
RGB	138, 117, 127
RGB Percent	54%, 46%, 50%
CMY	0.4588, 0.5412, 0.5020
CMYK	0.00, 0.15, 0.08, 0.46
HSL	331°, 8%, 50%
HSV	331°, 15%, 54%
XYZ	20.6733, 19.6582, 22.7835
YIQ	124.4190, 9.3060, 7.5620

# Conversions

## Conversions Part 2

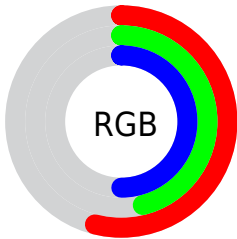
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 117, 127
Decimal	9074047
CIE Lab	51.45, 9.97, -2.45
CIE LCh	51, 10.265, 346.216
Yxy	19.6582, 0.3275, 0.3115
Android (android.graphics.Color)	4287264127 (0xFF8A757F)
YUV	124.4190, 1.2724, 11.9105
Hunter-Lab	44.3375, 5.6387, 0.5692

# Details

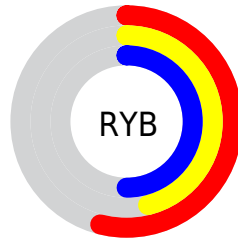
The Hex color **8A757F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **758A80**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C0A9B4**, and **58454E** is the 20% darker color. If you saturate the color by 10%, you get **8A6778**, and if you desaturate by 10%, it is **8A8386**.

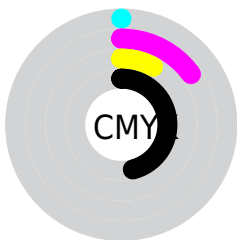
# Distribution



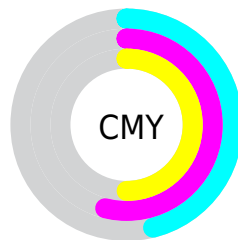
- Red (54%)
- Green (46%)
- Blue (50%)



- Red (54%)
- Yellow (46%)
- Blue (50%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (46%)



- Cyan (46%)
- Magenta (54%)
- Yellow (50%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A757F 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 8A757F by changing the saturation by 10% instead.



8A757F

8A757F

FFFFFF

705C66

C0A9B4

58454E

DBC4CF

402E37

F8E0EB

2A1922

FFFDFF

17000C

000000

8A757F

8A757F

8A6778

8A8386

8A5971

8A918D

 8A4C69

 8A9E95

 8A3E62

 8AAC9C

 8A305B

 8ABAA3

 8A2254

 8AC8AA

 8A144C

 8AD6B2

 8A0745

 8AE3B9

 8A0042

 8AF1C0

# Harmonies

## Analogous

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



827787



8A757F



8D7576

# Triad

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



8A757F



7D7C6A



667F87

# Complementary

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



8A757F



758A80

# 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.



65807F



8A757F



727E6E

# Square

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



8A757F



86796A



6A7F76



6D7D8B

# Rectangle

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



8A757F



8D7571



6A7F76



647F85



# Sweetspot

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



8A757F



B3AAAE



80758A



595456



D9D9D9



595959



# Same Dimension

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



8A757F



B392A2



8A7575



453E41



85003F



050002



# Inverse Universe

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



8A757F



B392A2



758A8A



453E41



85003F

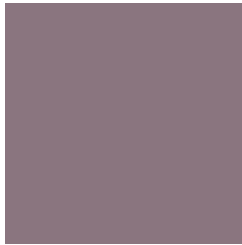


050002



# Previews

## White Background



This preview shows how the Hex color 8A757F looks on a white background.

## Color Contrast Check

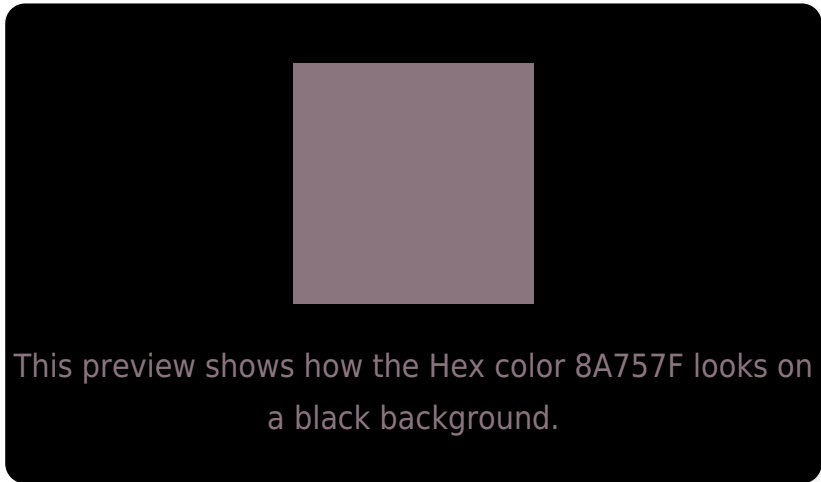
Large Text (above 18pt) WCAG AA ✓ Pass

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

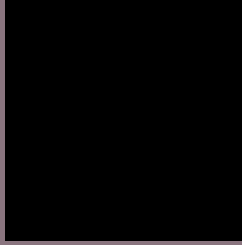
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A757F Background



This preview shows how black text looks on a background with the Hex color 8A757F.



This preview shows how white text looks on a background with the Hex color 8A757F.

# 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**  
8A757F

**Protanopia**  
7B7A82

**Deuteranopia**  
85777F



**Tritanopia**  
8A757E

# Trichromacy



**Original Color**  
8A757F

**Protanomaly**  
807881

**Deuteranomaly**  
87767F

**Tritanomaly**  
8A757E

# Monochromacy



**Original Color**  
8A757F

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
81797D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A757F 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 #8A757F looks like.

```
.text, #text, p{  
    color:#8A757F  
}
```

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 #8A757F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A757F
}
```

## Border

The CSS property to change the border of an element to Hex 8A757F is called "border". The border property can be set on classes, ids or directly on the HTML element.

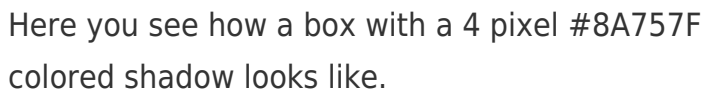
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A757F }
```

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

```
.border{ border-color:#8A757F }
```

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



Here you see how a box with a 4 pixel #8A757F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A757F; -webkit-box-shadow:4px 4px  
4px 4px #8A757F; box-shadow:4px 4px 4px  
4px #8A757F }
```

# Background

The CSS property to change the background color of an element to Hex 8A757F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A757F }
```

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

```
.background{ background-color:#8A757F }
```

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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