

# Converting Colors

Hex(8C747F)

Have a look what the booklet for  
Hex(8C747F) contains.

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**Color**

**Hex(8C747F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C747F
RGB	140, 116, 127
RGB Percent	55%, 45%, 50%
CMY	0.4510, 0.5451, 0.5020
CMYK	0.00, 0.17, 0.09, 0.45
HSL	332°, 9%, 50%
HSV	332°, 17%, 55%
XYZ	20.8914, 19.5985, 22.7605
YIQ	124.4300, 10.7730, 8.5090

# Conversions

## Conversions Part 2

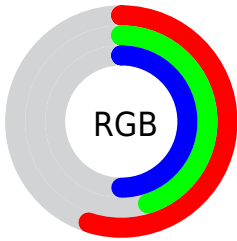
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 116, 127
Decimal	9204863
CIE Lab	51.38, 11.32, -2.52
CIE LCh	51, 11.595, 347.430
Yxy	19.5985, 0.3303, 0.3099
Android (android.graphics.Color)	4287394943 (0xFF8C747F)
YUV	124.4300, 1.2670, 13.6549
Hunter-Lab	44.2702, 6.7622, 0.5066

# Details

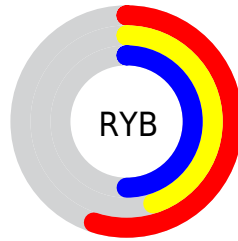
The Hex color **8C747F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **748C81**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C2A8B4**, and **5A444E** is the 20% darker color. If you saturate the color by 10%, you get **8C6677**, and if you desaturate by 10%, it is **8C8287**.

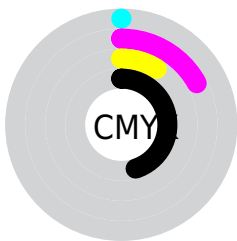
# Distribution



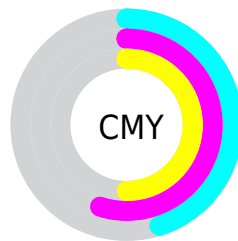
- Red (55%)
- Green (45%)
- Blue (50%)



- Red (55%)
- Yellow (45%)
- Blue (50%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C747F 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 8C747F by changing the saturation by 10% instead.



8C747F

8C747F

FFFFFF

725B66

C2A8B4

5A444E

DEC3CF

422D37

FADFEB

2C1822

FFFCFF

19000C

000000

8C747F

8C747F

8C6677

8C8287

8C5870

8C908E

 8C4A68

 8C9E96

 8C3C61

 8CAC9D

 8C2E59

 8CBAA5

 8C2051

 8CC8AD

 8C124A

 8CD6B4

 8C0442

 8CE4BC

 8C0040

 8CF2C3

# Harmonies

## Analogous

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



837688



8C747F



907475

# Triad

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



8C747F



7C7C68



627F89

# Complementary

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



8C747F



748C81

# 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.



618080



8C747F



717E6D

# Square

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



8C747F



867867



678076



6B7D8D

# Rectangle

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



8C747F



8F756F



678076



618086



# Sweetspot

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



8C747F



B5ACB0



81748C



5C5659



DBDBDB



5C5C5C



# Same Dimension

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



8C747F



B58FA0



8C7574



453E41



85003D



050002



# Inverse Universe

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



8C747F



B58FA0



748B8C



453E41



85003D

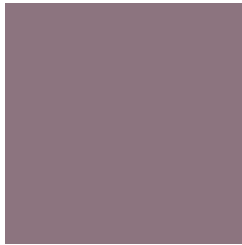


050002



# Previews

## White Background



This preview shows how the Hex color 8C747F looks on a white background.

## Color Contrast Check

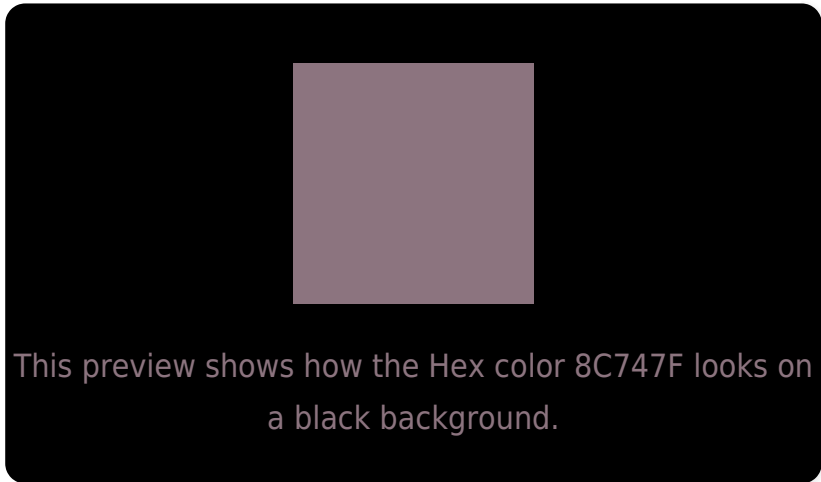
Large Text (above 18pt) WCAG AA ✓ Pass

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

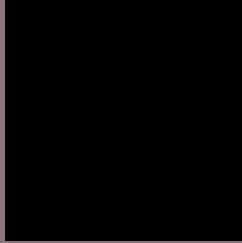
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C747F Background



This preview shows how black text looks on a background with the Hex color 8C747F.



This preview shows how white text looks on a background with the Hex color 8C747F.

# 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**  
8C747F

**Protanopia**  
7A7A82

**Deuteranopia**  
85777E



**Tritanopia**  
8C747D

# Trichromacy



**Original Color**  
8C747F

**Protanomaly**  
817881

**Deuteranomaly**  
88767E

**Tritanomaly**  
8C747E

# Monochromacy



**Original Color**  
8C747F

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
82797D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C747F 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 #8C747F looks like.

```
.text, #text, p{  
    color:#8C747F  
}
```

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 #8C747F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C747F
}
```

## Border

The CSS property to change the border of an element to Hex 8C747F is called "border". The border property can be set on classes, ids or directly on the HTML element.

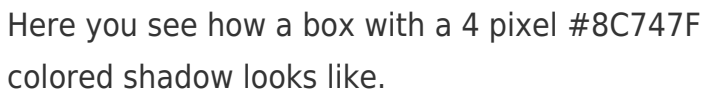
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C747F }
```

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

```
.border{ border-color:#8C747F }
```

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



Here you see how a box with a 4 pixel #8C747F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C747F; -webkit-box-shadow:4px 4px  
4px 4px #8C747F; box-shadow:4px 4px 4px  
4px #8C747F }
```

# Background

The CSS property to change the background color of an element to Hex 8C747F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C747F }
```

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

```
.background{ background-color:#8C747F }
```

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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