

# Converting Colors

Hex(8A727C)

Have a look what the booklet for  
Hex(8A727C) contains.

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# Color

**Hex(8A727C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A727C
RGB	138, 114, 124
RGB Percent	54%, 45%, 49%
CMY	0.4588, 0.5529, 0.5137
CMYK	0.00, 0.17, 0.10, 0.46
HSL	335°, 10%, 49%
HSV	335°, 17%, 54%
XYZ	20.1366, 18.8931, 21.6542
YIQ	122.3160, 11.0940, 8.1980

# Conversions

## Conversions Part 2

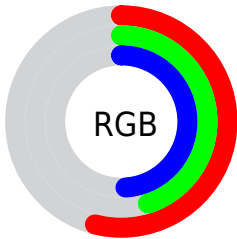
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 114, 124
Decimal	9073276
CIE <sub>Lab</sub>	50.56, 11.17, -1.98
CIE <sub>LCh</sub>	51, 11.340, 349.949
Yxy	18.8931, 0.3318, 0.3113
Android (android.graphics.Color)	4287263356 (0xFF8A727C)
YUV	122.3160, 0.8302, 13.7549
Hunter-Lab	43.4662, 6.6279, 0.8890

# Details

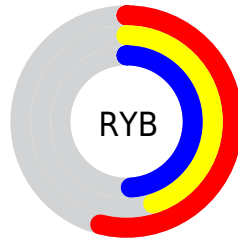
The Hex color **8A727C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **728A80**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **C0A6B0**, and **58424B** is the 20% darker color. If you saturate the color by 10%, you get **8A6474**, and if you desaturate by 10%, it is **8A8084**.

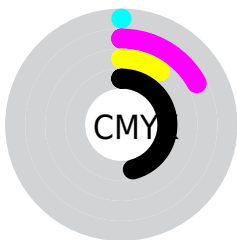
# Distribution



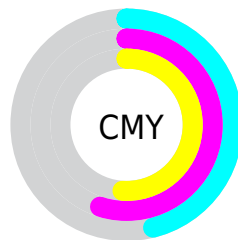
- Red (54%)
- Green (45%)
- Blue (49%)



- Red (54%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (46%)



- Cyan (46%)
- Magenta (55%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A727C 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 8A727C by changing the saturation by 10% instead.





8A727C



8A727C

FFFFFF



705963



C0A6B0



58424B



DCC1CC



402C35



F8DDE8



2A1720



FFFAFF



170007



000000



8A727C



8A727C



8A6474



8A8084



8A566C



8A8E8C

 8A4964

 8A9B94

 8A3B5C

 8AA99C

 8A2D54

 8AB7A4

 8A1F4C

 8AC5AC

 8A1144

 8AD3B4

 8A043C

 8AE0BC

 8A0039

 8AEEC4

# Harmonies

## Analogous

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



827485



8A727C



8D7272

# Triad

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



8A727C



797A66



617D87

# Complementary

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



8A727C



728A80

# 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.



607E7F



8A727C



6E7C6C

# Square

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



8A727C



837766



657E75



6A7A8B

# Rectangle

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



8A727C



8C736C



657E75



607D84



# Sweetspot

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



8A727C



B3AAAD



80728A



595456



D9D9D9



595959



# Same Dimension

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



8A727C



B38D9D



8A7472



453E41



850037



050002



# Inverse Universe

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



8A727C



B38D9D



72888A



453E41



850037

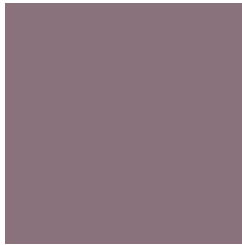


050002



# Previews

## White Background



This preview shows how the Hex color 8A727C looks on a white background.

## Color Contrast Check

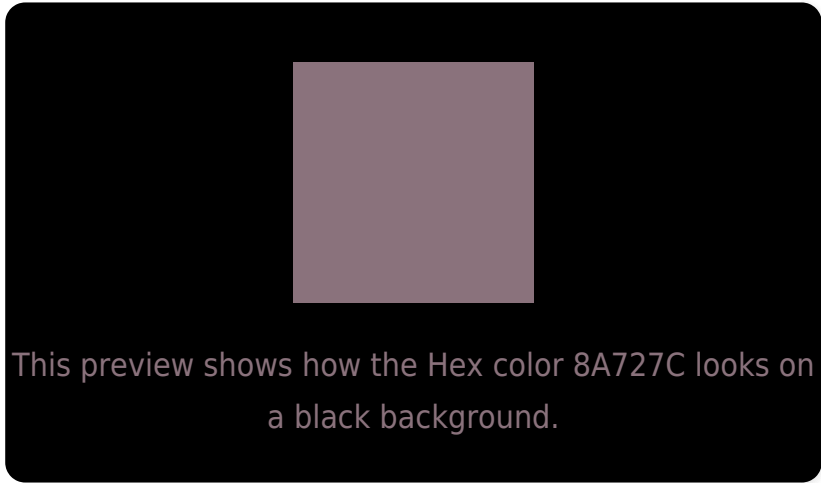
Large Text (above 18pt) WCAG AA ✓ Pass

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

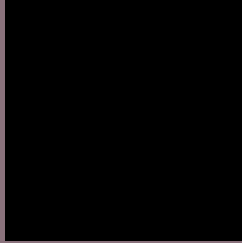
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A727C Background



This preview shows how black text looks on a background with the Hex color 8A727C.



This preview shows how white text looks on a background with the Hex color 8A727C.

# 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**  
8A727C

**Protanopia**  
79787F

**Deuteranopia**  
83757B



**Tritanopia**  
8A727B

# Trichromacy



**Original Color**  
8A727C

**Protanomaly**  
7F767E

**Deuteranomaly**  
86747B

**Tritanomaly**  
8A727B

# Monochromacy



**Original Color**  
8A727C

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
80777B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A727C 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 #8A727C looks like.

```
.text, #text, p{  
    color:#8A727C  
}
```

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 #8A727C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A727C
}
```

## Border

The CSS property to change the border of an element to Hex 8A727C is called "border". The border property can be set on classes, ids or directly on the HTML element.

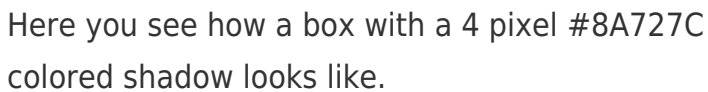
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A727C }
```

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

```
.border{ border-color:#8A727C }
```

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



Here you see how a box with a 4 pixel #8A727C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A727C; -webkit-box-shadow:4px 4px  
4px 4px #8A727C; box-shadow:4px 4px 4px  
4px #8A727C }
```

# Background

The CSS property to change the background color of an element to Hex 8A727C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A727C }
```

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

```
.background{ background-color:#8A727C }
```

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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