

# Converting Colors

Hex(8A787E)

Have a look what the booklet for  
Hex(8A787E) contains.

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# Color

**Hex(8A787E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A787E
RGB	138, 120, 126
RGB Percent	54%, 47%, 49%
CMY	0.4588, 0.5294, 0.5059
CMYK	0.00, 0.13, 0.09, 0.46
HSL	340°, 7%, 51%
HSV	340°, 13%, 54%
XYZ	20.9636, 20.3426, 22.5603
YIQ	126.0660, 8.8020, 5.6820

# Conversions

## Conversions Part 2

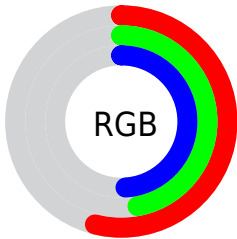
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 120, 126
Decimal	9074814
CIE Lab	52.22, 8.03, -0.72
CIE LCh	52, 8.067, 354.862
Yxy	20.3426, 0.3282, 0.3185
Android (android.graphics.Color)	4287264894 (0xFF8A787E)
YUV	126.0660, -0.0325, 10.4661
Hunter-Lab	45.1027, 4.0364, 1.9152

# Details

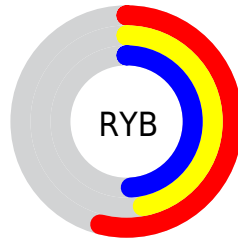
The Hex color **8A787E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **788A84**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **C0ACB3**, and **58484D** is the 20% darker color. If you saturate the color by 10%, you get **8A6A75**, and if you desaturate by 10%, it is **8A8687**.

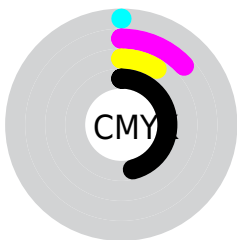
# Distribution



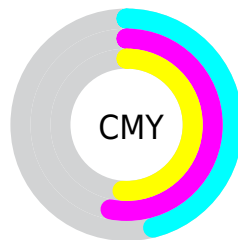
- Red (54%)
- Green (47%)
- Blue (49%)



- Red (54%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (46%)



- Cyan (46%)
- Magenta (53%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A787E 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 8A787E by changing the saturation by 10% instead.





8A787E



8A787E

FFFFFF



705F65



C0ACB3



58484D



DBC8CE



403136



F8E4EA



2A1C21



17020A



000000



8A787E



8A787E



8A6A75



8A8687



8A5C6C



8A9490

 8A4F62

 8AA19A

 8A4159

 8AAFA3

 8A3350

 8ABDAC

 8A2547

 8ACBB5

 8A173E

 8AD9BE

 8A0A34

 8AE6C8

 8A002E

 8AF4D1

# Harmonies

## Analogous

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



857985



8A787E



8C7877

# Triad

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



8A787E



7C7E70



6E7F88

# Complementary

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



8A787E



788A84

# 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.



6B8182



8A787E



748074

# Square

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



8A787E



847C6F



6E817B



747D8A

# Rectangle

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



8A787E



8A7973



6E817B



6C8086



# Sweetspot

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



8A787E



B3ABAE



84788A



595556



D9D9D9



595959



# Same Dimension

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



8A787E



B3969F



8A7B78



453E40



85002C



050002



# Inverse Universe

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



8A787E



B3969F



78878A



453E40



85002C



050002



# Previews

## White Background



This preview shows how the Hex color 8A787E looks on a white background.

## Color Contrast Check

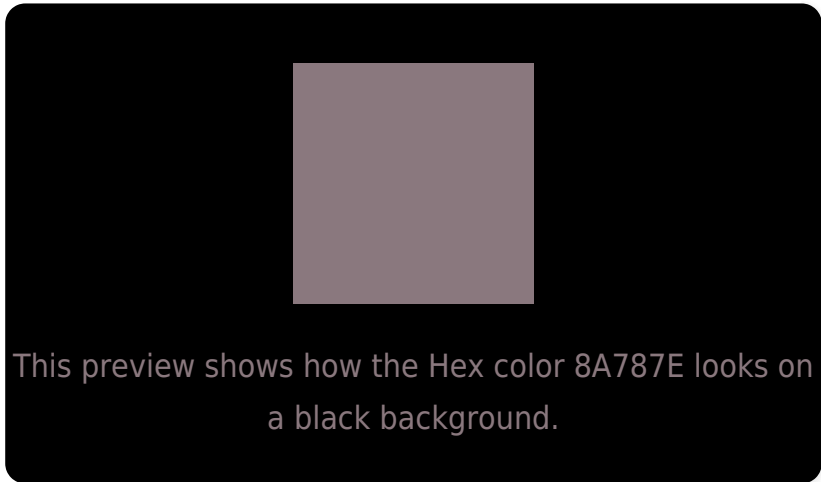
Large Text (above 18pt) WCAG AA ✓ Pass

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

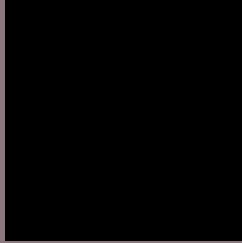
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A787E Background



This preview shows how black text looks on a background with the Hex color 8A787E.



This preview shows how white text looks on a background with the Hex color 8A787E.

# 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**  
8A787E

**Protanopia**  
7E7C80

**Deuteranopia**  
88797E



**Tritanopia**  
8A7881

# Trichromacy



**Original Color**  
8A787E

**Protanomaly**  
827B7F

**Deuteranomaly**  
89797E

**Tritanomaly**  
8A7880

# Monochromacy



**Original Color**  
8A787E

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
827C7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A787E 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 #8A787E looks like.

```
.text, #text, p{  
    color:#8A787E  
}
```

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 #8A787E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A787E
}
```

## Border

The CSS property to change the border of an element to Hex 8A787E is called "border". The border property can be set on classes, ids or directly on the HTML element.

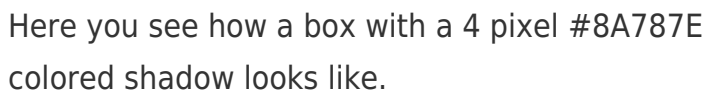
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A787E }
```

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

```
.border{ border-color:#8A787E }
```

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



Here you see how a box with a 4 pixel #8A787E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A787E; -webkit-box-shadow:4px 4px  
4px 4px #8A787E; box-shadow:4px 4px 4px  
4px #8A787E }
```

# Background

The CSS property to change the background color of an element to Hex 8A787E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A787E }
```

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

```
.background{ background-color:#8A787E }
```

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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