

# Converting Colors

Hex(86727C)

Have a look what the booklet for  
Hex(86727C) contains.

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# Color

**Hex(86727C)**

# Conversions

Conversions Part 1	
Format	Color
Hex	86727C
RGB	134, 114, 124
RGB Percent	53%, 45%, 49%
CMY	0.4745, 0.5529, 0.5137
CMYK	0.00, 0.15, 0.07, 0.47
HSL	330°, 8%, 49%
HSV	330°, 15%, 53%
XYZ	19.4869, 18.5582, 21.6238
YIQ	121.1200, 8.7100, 7.3500

# Conversions

## Conversions Part 2

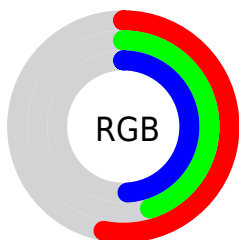
Format	Color
<a href="#">RYB</a>	<a href="#">134, 114, 124</a>
Decimal	<a href="#">8811132</a>
CIELab	<a href="#">50.17, 9.63, -2.61</a>
CIELCh	<a href="#">50, 9.977, 344.854</a>
Yxy	<a href="#">18.5582, 0.3266, 0.3110</a>
Android (android.graphics.Color)	<a href="#">4287001212</a> (0xFF86727C)
YUV	<a href="#">121.1200, 1.4198, 11.2958</a>
Hunter-Lab	<a href="#">43.0792, 5.3560, 0.3946</a>

# Details

The Hex color **86727C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **72867C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **BBA6B0**, and **54424B** is the 20% darker color. If you saturate the color by 10%, you get **866575**, and if you desaturate by 10%, it is **867F83**.

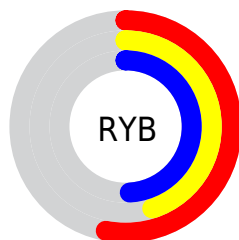
# Distribution



Red (53%)

Green (45%)

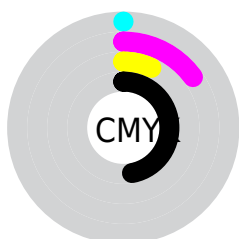
Blue (49%)



Red (53%)

Yellow (45%)

Blue (49%)

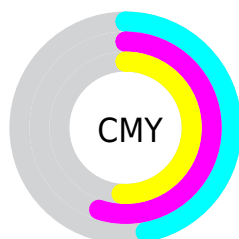


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86727C 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 86727C by changing the saturation by 10% instead.





86727C



86727C

FFFFFF



6D5963



BBA6B0



54424B



D7C1CC



3D2C35



F4DDE8



27171F



FFFAFF



140007



000000



86727C



86727C



866575



867F83



86576F



868D89

 864A68

 869A90

 863C61

 86A897

 862F5B

 86B59E

 862254

 86C2A4

 86144D

 86D0AB

 860746

 86DDB2

 860043

 86EBB8

# Harmonies

## Analogous

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



7E7483



86727C



8A7273

# Triad

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



86727C



7A7867



637B83

# Complementary

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



86727C



72867C

# 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.



627C7B



86727C



707B6B

# Square

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



86727C



827567



677C73



697987

# Rectangle

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



86727C



89726E



677C73



627C81



# Sweetspot

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



86727C



ADA6AA



7C7286



575255



D6D6D6



575757



# Same Dimension

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



86727C



AD8E9E



867272



423C3F



820041



030001



# Inverse Universe

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



86727C



AD8E9E



728686



423C3F



820041



030001



# Previews

## White Background



This preview shows how the Hex color 86727C looks on a white background.

## Color Contrast Check

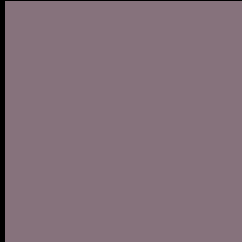
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 86727C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

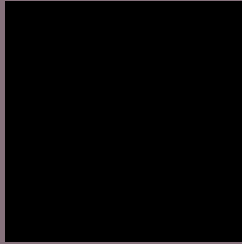
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 86727C Background



This preview shows how black text looks on a background with the Hex color 86727C.



This preview shows how white text looks on a background with the Hex color 86727C.

# 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](#).

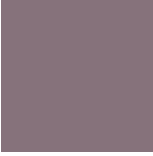
## Dichromacy



**Original Color**  
86727C

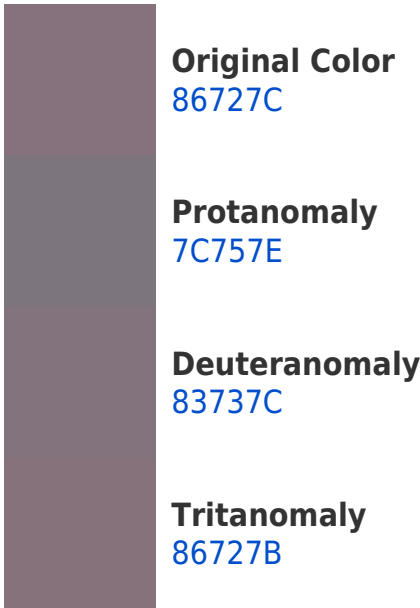
**Protanopia**  
77777F

**Deuteranopia**  
81747C

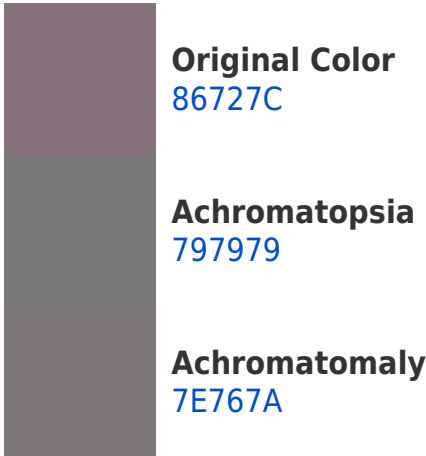


**Tritanopia**  
86727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86727C 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 #86727C looks like.

```
.text, #text, p{  
    color:#86727C  
}
```

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 #86727C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86727C
}
```

## Border

The CSS property to change the border of an element to Hex 86727C 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
#86727C }
```

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

```
.border{ border-color:#86727C }
```

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

Here you see how a box with a 4 pixel #86727C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86727C; -webkit-box-shadow:4px 4px  
4px 4px #86727C; box-shadow:4px 4px 4px  
4px #86727C }
```

# Background

The CSS property to change the background color of an element to Hex 86727C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86727C }
```

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

```
.background{ background-color:#86727C }
```

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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