

Converting Colors

Hex(87767F)

Have a look what the booklet for
Hex(87767F) contains.

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Color

Hex(87767F)

Conversions

Conversions Part 1

Format	Color
Hex	87767F
RGB	135, 118, 127
RGB Percent	53%, 46%, 50%
CMY	0.4706, 0.5373, 0.5020
CMYK	0.00, 0.13, 0.06, 0.47
HSL	328°, 7%, 50%
HSV	328°, 13%, 53%
XYZ	20.3009, 19.6401, 22.7996
YIQ	124.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

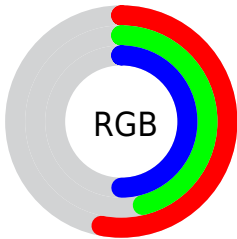
Format	Color
R_{YB}	135, 118, 127
Decimal	8877695
CIE Lab	51.43, 8.24, -2.51
CIE LCh	51, 8.616, 343.066
Yxy	19.6401, 0.3236, 0.3130
Android (android.graphics.Color)	4287067775 (0xFF87767F)
YUV	124.1090, 1.4253, 9.5514
Hunter-Lab	44.3171, 4.2127, 0.5193

Details

The Hex color **87767F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76877E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **BCAAB4**, and **55464E** is the 20% darker color. If you saturate the color by 10%, you get **876979**, and if you desaturate by 10%, it is **878485**.

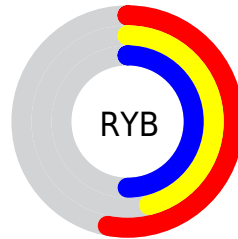
Distribution



Red (53%)

Green (46%)

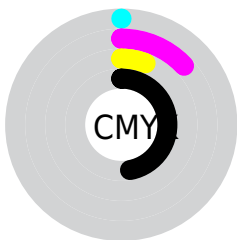
Blue (50%)



Red (53%)

Yellow (46%)

Blue (50%)

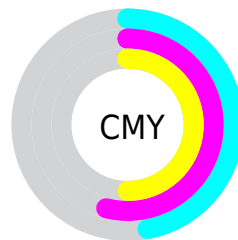


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (47%)



Cyan (47%)

Magenta (54%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87767F 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 87767F by changing the saturation by 10% instead.



87767F



87767F

FFFFFF



6E5D66



BCAAB4



55464E



D8C5CF



3E2F37



F5E1EB



281A22

FFFEFF



14000C



000000



87767F



87767F



876979



878485



875B72



87918C

874E6C

879F92

874066

87AC98

87335F

87BA9F

872559

87C7A5

871853

87D4AB

870A4C

87E2B2

870047

87F0B8

Harmonies

Analogous

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



807885



87767F



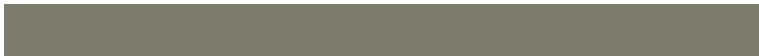
8A7677

Triad

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



87767F



7D7B6C



697E84

Complementary

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



87767F



76877E

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.



697F7E



87767F



757D70

Square

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



87767F



85796D



6D7F76



6E7C88

Rectangle

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



87767F



8A7673



6D7F76



687F82

Sweetspot

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



87767F



B0A9AD



7E7687



595557



D9D9D9



595959

Same Dimension

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



87767F



B096A4



877677



423C3F



820045



030001

Inverse Universe

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



87767F



B096A4



768786



423C3F



820045



030001

Previews

White Background



This preview shows how the Hex color 87767F looks on a white background.

Color Contrast Check

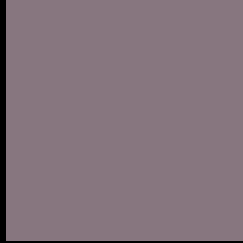
Large Text (above 18pt) WCAG AA ✓ Pass

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 87767F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

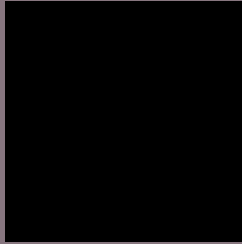
Any Text WCAG AA ✓ Pass

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 87767F Background



This preview shows how black text looks on a background with the Hex color 87767F.



This preview shows how white text looks on a background with the Hex color 87767F.

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
87767F

Protanopia
7B7A81

Deuteranopia
85777F



Tritanopia
87767F

Trichromacy



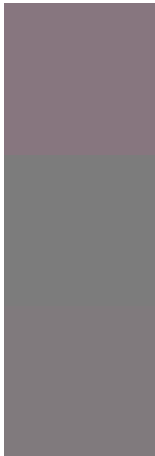
Original Color
87767F

Protanomaly
7F7980

Deuteranomaly
86777F

Tritanomaly
87767F

Monochromacy



Original Color
87767F

Achromatopsia
7C7C7C

Achromatomaly
807A7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 87767F 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 #87767F looks like.

```
.text, #text, p{  
    color:#87767F  
}
```

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 #87767F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87767F
}
```

Border

The CSS property to change the border of an element to Hex 87767F is called "border". The border property can be set on classes, ids or directly on the HTML element.

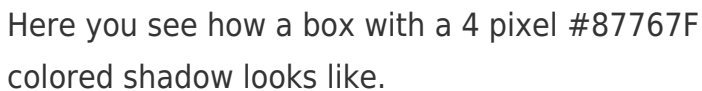
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87767F }
```

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

```
.border{ border-color:#87767F }
```

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



Here you see how a box with a 4 pixel #87767F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87767F; -webkit-box-shadow:4px 4px  
4px 4px #87767F; box-shadow:4px 4px 4px  
4px #87767F }
```

Background

The CSS property to change the background color of an element to Hex 87767F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87767F }
```

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

```
.background{ background-color:#87767F }
```

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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