

# Converting Colors

Hex(87575F)

Have a look what the booklet for  
Hex(87575F) contains.

<b>Hex(87575F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(87575F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87575F
RGB	135, 87, 95
RGB Percent	53%, 34%, 37%
CMY	0.4706, 0.6588, 0.6275
CMYK	0.00, 0.36, 0.30, 0.47
HSL	350°, 22%, 44%
HSV	350°, 36%, 53%
XYZ	15.4654, 12.7935, 12.4807
YIQ	102.2640, 26.0400, 12.6640

# Conversions

## Conversions Part 2

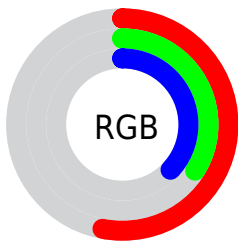
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	135, 87, 95
Decimal	8869727
CIE Lab	42.45, 21.03, 3.62
CIE LCh	42, 21.336, 9.778
Yxy	12.7935, 0.3796, 0.3140
Android (android.graphics.Color)	4287059807 (0xFF87575F)
YUV	102.2640, -3.5812, 28.7095
Hunter-Lab	35.7680, 14.5861, 4.3492

# Details

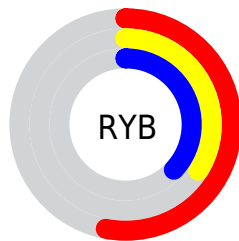
The Hex color **87575F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **57877F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **BD8991**, and **542931** is the 20% darker color. If you saturate the color by 10%, you get **874A54**, and if you desaturate by 10%, it is **87656A**.

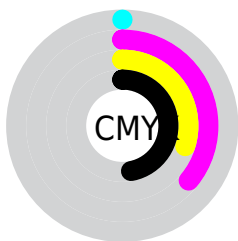
# Distribution



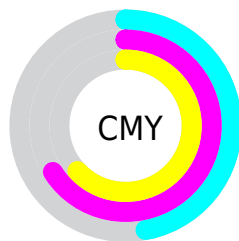
- Red (53%)
- Green (34%)
- Blue (37%)



- Red (53%)
- Yellow (34%)
- Blue (37%)



- Cyan (0%)
- Magenta (36%)
- Yellow (30%)
- Black (47%)



- Cyan (47%)
- Magenta (66%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 87575F 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 87575F by changing the saturation by 10% instead.





87575F



87575F

FFFFFF



6D3F47



BD8991



542931



DAA4AC



3B131C



F7BFC7



270001



FFDBE3



000000



FFF8FF



87575F



87575F



874A54



87656A



873C49



877276

872F3D

878081

872132

878D8C

871327

879B97

87061C

87A8A3

870017

87B6AE

87C3B9

87D1C4

# Harmonies

## Analogous

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



7F5971



87575F



855A4F

# Triad

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



87575F



576A49



3B6985

# Complementary

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



87575F



57877F

# 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.



2B6D7A



87575F



436D57

# Square

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



87575F



6B6541



306E6A



566487

# Rectangle

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



87575F



7F5D46



306E6A



346B82



# Sweetspot

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



87575F



B09DA0



7F5787



594E50



D9D9D9



595959



# Same Dimension

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



87575F



B06471



876757



423C3D



820016



030000



# Inverse Universe

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



87575F



B06471



577787



423C3D



820016

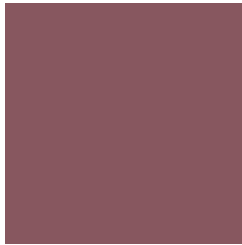


030000



# Previews

## White Background



This preview shows how the Hex color 87575F looks on a white background.

## Color Contrast Check

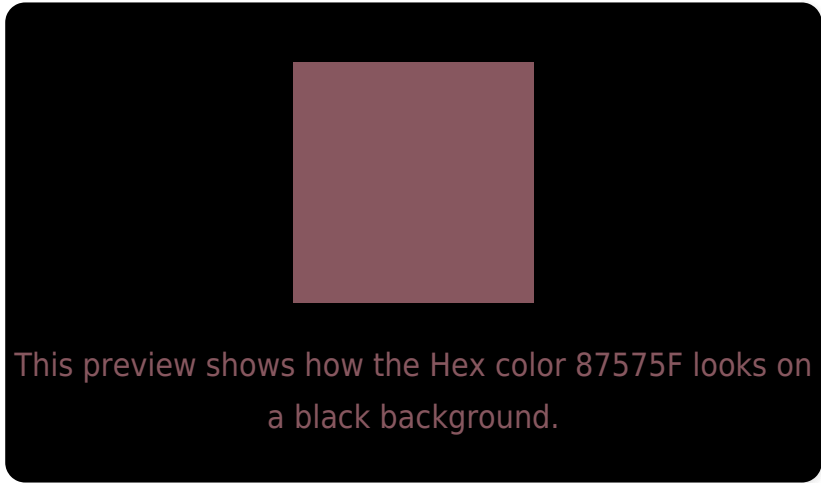
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

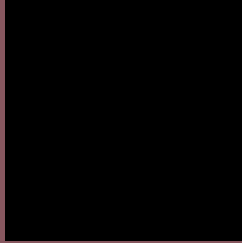
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 87575F Background



This preview shows how black text looks on a background with the Hex color 87575F.



This preview shows how white text looks on a background with the Hex color 87575F.

# 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**  
87575F

**Protanopia**  
666466

**Deuteranopia**  
71615D



**Tritanopia**  
87575E

# Trichromacy



**Original Color**  
87575F

**Protanomaly**  
725F63

**Deuteranomaly**  
795D5E

**Tritanomaly**  
87575E

# Monochromacy



**Original Color**  
87575F

**Achromatopsia**  
666666

**Achromatomaly**  
726163

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87575F 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 #87575F looks like.

```
.text, #text, p{  
    color:#87575F  
}
```

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 #87575F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87575F
}
```

## Border

The CSS property to change the border of an element to Hex 87575F is called "border". The border property can be set on classes, ids or directly on the HTML element.

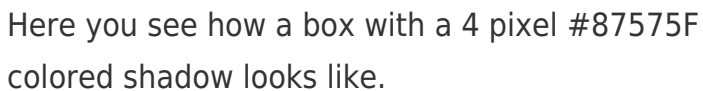
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87575F }
```

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

```
.border{ border-color:#87575F }
```

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



Here you see how a box with a 4 pixel #87575F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87575F; -webkit-box-shadow:4px 4px  
4px 4px #87575F; box-shadow:4px 4px 4px  
4px #87575F }
```

# Background

The CSS property to change the background color of an element to Hex 87575F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87575F }
```

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

```
.background{ background-color:#87575F }
```

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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