

Converting Colors

Hex(87975F)

Have a look what the booklet for
Hex(87975F) contains.

Hex(87975F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(87975F)

Conversions

Conversions Part 1

Format	Color
Hex	87975F
RGB	135, 151, 95
RGB Percent	53%, 59%, 37%
CMY	0.4706, 0.4078, 0.6275
CMYK	0.11, 0.00, 0.37, 0.41
HSL	77°, 23%, 48%
HSV	77°, 37%, 59%
XYZ	23.1238, 28.1103, 15.0336
YIQ	139.8320, 8.4400, -20.8080

Conversions

Conversions Part 2

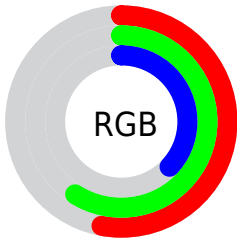
Format	Color
R_{YB}	95, 151, 111
Decimal	8886111
CIE _{Lab}	59.99, -15.40, 27.64
CIE _{LCh}	60, 31.644, 119.121
Yxy	28.1103, 0.3489, 0.4242
Android (android.graphics.Color)	4287076191 (0xFF87975F)
YUV	139.8320, -22.1022, -4.2377
Hunter-Lab	53.0192, -14.9324, 20.3018

Details

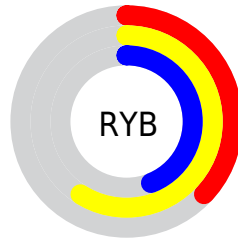
The Hex color **87975F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6F5F97**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BDCD92**, and **54642F** is the 20% darker color. If you saturate the color by 10%, you get **839750**, and if you desaturate by 10%, it is **8B976E**.

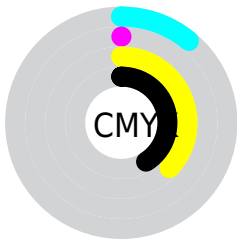
Distribution



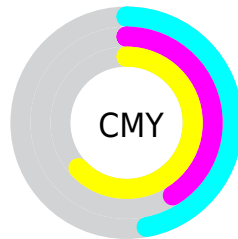
- Red (53%)
- Green (59%)
- Blue (37%)



- Red (37%)
- Yellow (59%)
- Blue (44%)



- Cyan (11%)
- Magenta (0%)
- Yellow (37%)
- Black (41%)




- Cyan (47%)
- Magenta (41%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87975F 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 87975F by changing the saturation by 10% instead.

 87975F

 87975F

FFFFFF

 6D7D47

 BDCD92

 54642F

 D9E9AD

 3C4C19

 F6FFC8

 253500

 FFFFE5

 0F2000

 000000

 87975F

 87975F

 839750

 8B976E

 7E9741

 90977D

 7A9732

 94978C

 769723

 98979B

 719713

 9D97AB

 6D9704

 A197BA

 6C9700

 A597C9

 AA97D8

 AE97E7

Harmonies

Analogous

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



A48F59



87975F



669D73

Triad

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



87975F



3A9BC0



C57B92

Complementary

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



87975F



6F5F97

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.



B380AE



87975F



6893C8

Square

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



87975F



269FAB



938AC1



C67D77

Rectangle

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



87975F



4F9F85



938AC1



C07C9C

Sweetspot

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



87975F



BEC4AF



976F5F



606357



E3E3E3



636363

Same Dimension

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



87975F



ABC46C



6B975F



4A4D45



648C00



090D00

Inverse Universe

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



6F5F97



856CC4



8B5F97



47454D



28008C



04000D

Previews

White Background



This preview shows how the Hex color 87975F looks on a white background.

Color Contrast Check

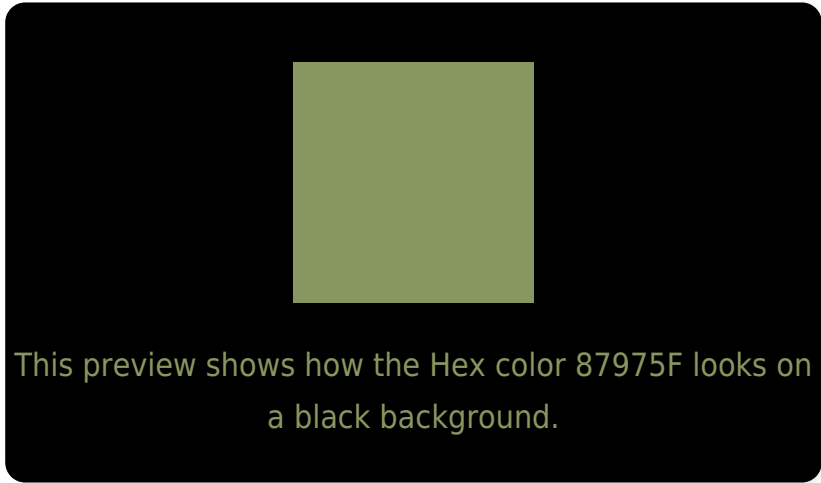
Large Text (above 18pt) WCAG AA ✓ Pass

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

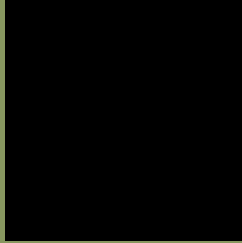
Any Text WCAG AA ✓ Pass

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 87975F Background



This preview shows how black text looks on a background with the Hex color 87975F.



This preview shows how white text looks on a background with the Hex color 87975F.

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](#).

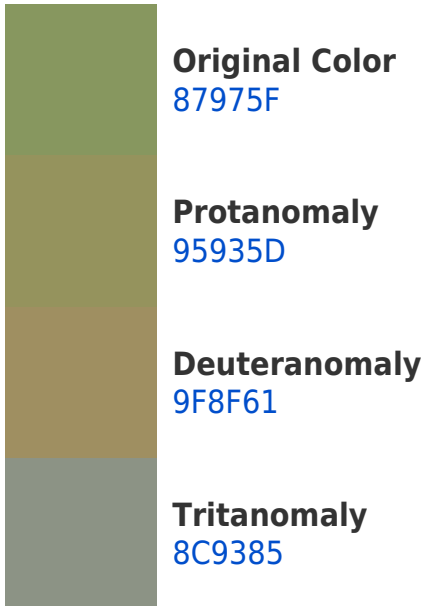
Dichromacy



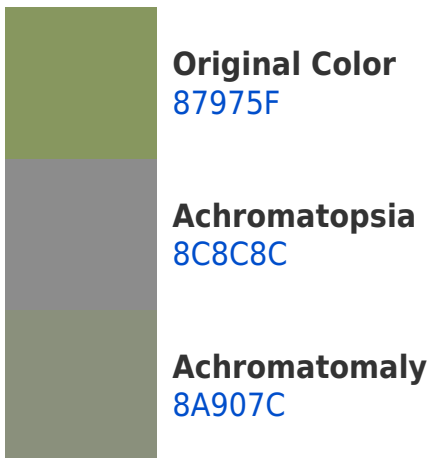


Tritanopia
8F909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87975F 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 #87975F looks like.

```
.text, #text, p{  
    color:#87975F  
}
```

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 #87975F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87975F
}
```

Border

The CSS property to change the border of an element to Hex 87975F 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
#87975F }
```

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

```
.border{ border-color:#87975F }
```

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

Here you see how a box with a 4 pixel #87975F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87975F; -webkit-box-shadow:4px 4px  
4px 4px #87975F; box-shadow:4px 4px 4px  
4px #87975F }
```

Background

The CSS property to change the background color of an element to Hex 87975F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87975F }
```

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

```
.background{ background-color:#87975F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor