

Converting Colors

Hex(87865F)

Have a look what the booklet for
Hex(87865F) contains.

| | |
|--|----|
| Hex(87865F) | 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(87865F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 87865F |
| RGB | 135, 134, 95 |
| RGB Percent | 53%, 53%, 37% |
| CMY | 0.4706, 0.4745, 0.6275 |
| CMYK | 0.00, 0.01, 0.30, 0.47 |
| HSL | 59°, 17%, 45% |
| HSV | 59°, 30%, 53% |
| XYZ | 20.5823, 23.0273, 14.1864 |
| YIQ | 129.8530, 13.1150, -11.9170 |

Conversions

Conversions Part 2

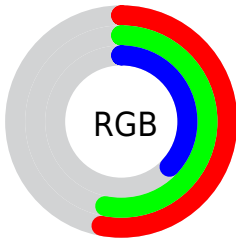
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 96, 135, 95 |
| Decimal | 8881759 |
| CIELab | 55.10, -6.21, 21.20 |
| CIELCh | 55, 22.088, 106.339 |
| Yxy | 23.0273, 0.3561, 0.3984 |
| Android (android.graphics.Color) | 4287071839 (0xFF87865F) |
| YUV | 129.8530, -17.1825, 4.5139 |
| Hunter-Lab | 47.9868, -7.4153, 16.0628 |

Details

The Hex color **87865F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5F6087**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **BDBB92**, and **555530** is the 20% darker color. If you saturate the color by 10%, you get **878652**, and if you desaturate by 10%, it is **87866D**.

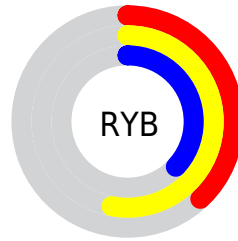
Distribution



Red (53%)

Green (53%)

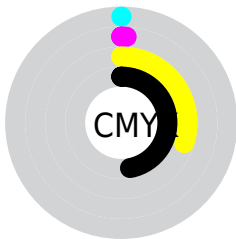
Blue (37%)



Red (38%)

Yellow (53%)

Blue (37%)

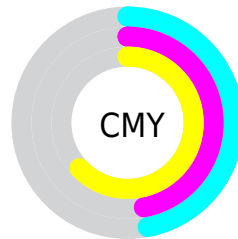


Cyan (0%)

Magenta (1%)

Yellow (30%)

Black (47%)



Cyan (47%)

Magenta (47%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87865F 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 87865F by changing the saturation by 10% instead.



87865F



87865F

FFFFFF



6D6D47



BDBB92



555530



D9D7AC



3D3D1B



F5F3C8



272802



FFFFE4



0C1400



000000



87865F



87865F



878652



87866D



878544



87877A

■ 878537

■ 878788

■ 878529

■ 878795

■ 87841C

■ 8788A3

■ 87840E

■ 8788B0

■ 878401

■ 8788BE

■ 878400

■ 8789CB

■ 8789D9

Harmonies

Analogous

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



9A805F



87865F



718B69

Triad

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



87865F



4D8D9F



A4778D

Complementary

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



87865F



5F6087

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.



947B9E



87865F



6088A9

Square

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



87865F



4C8F8E



7B82A8



AB767A

Rectangle

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



87865F



638D74



7B82A8



A07894

Sweetspot

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



87865F



B0B0A0



875F60



59594F



D9D9D9



595959

Same Dimension

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



87865F



B0AE71



74875F



42423C



827F00



030200

Inverse Universe

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



5F6087



7172B0



725F87



3C3C42



000382



000003

Previews

White Background



This preview shows how the Hex color 87865F looks on a white background.

Color Contrast Check

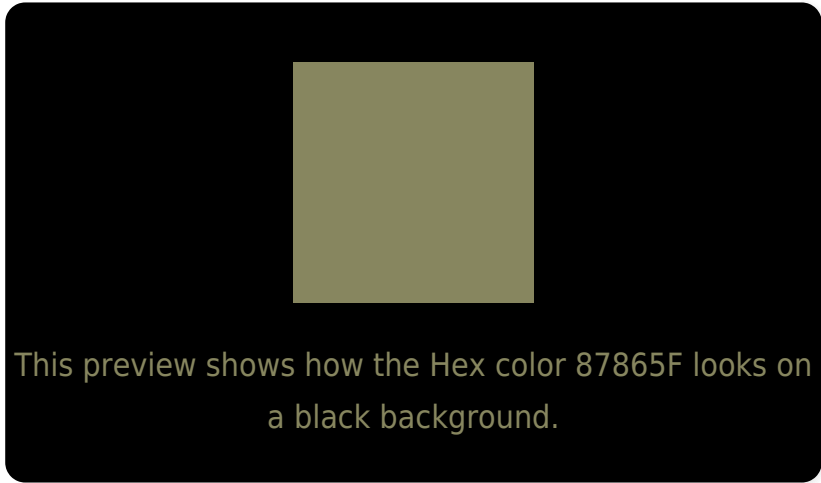
Large Text (above 18pt) WCAG AA ✓ Pass

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

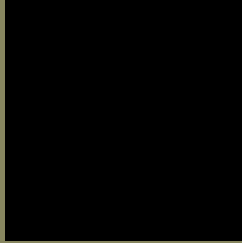
Any Text WCAG AA ✓ Pass

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 87865F Background



This preview shows how black text looks on a background with the Hex color 87865F.



This preview shows how white text looks on a background with the Hex color 87865F.

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
87865F

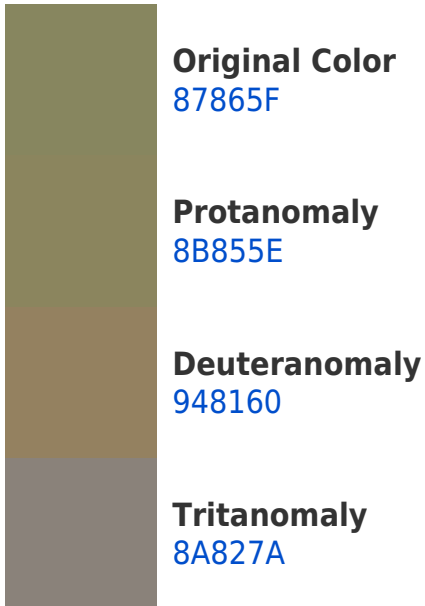
Protanopia
8E845E

Deuteranopia
9C7E61

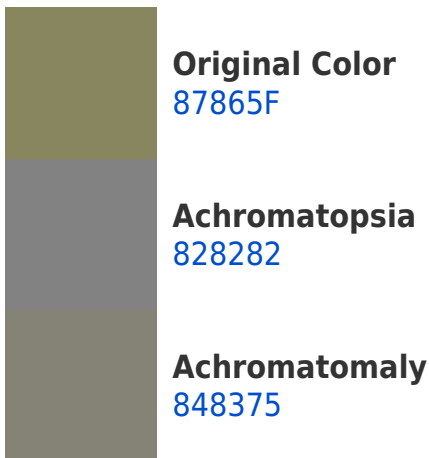


Tritanopia
8C808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87865F 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 #87865F looks like.

```
.text, #text, p{  
    color:#87865F  
}
```

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 #87865F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87865F
}
```

Border

The CSS property to change the border of an element to Hex 87865F 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
#87865F }
```

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

```
.border{ border-color:#87865F }
```

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

Here you see how a box with a 4 pixel #87865F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87865F; -webkit-box-shadow:4px 4px  
4px 4px #87865F; box-shadow:4px 4px 4px  
4px #87865F }
```

Background

The CSS property to change the background color of an element to Hex 87865F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87865F }
```

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

```
.background{ background-color:#87865F }
```

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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