

# Converting Colors

Hex(884F77)

Have a look what the booklet for  
Hex(884F77) contains.

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# Color

**Hex(884F77)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	884F77
RGB	136, 79, 119
RGB Percent	53%, 31%, 47%
CMY	0.4667, 0.6902, 0.5333
CMYK	0.00, 0.42, 0.12, 0.47
HSL	318°, 27%, 42%
HSV	318°, 42%, 53%
XYZ	16.2791, 12.1581, 18.9415
YIQ	100.6030, 21.1320, 24.5240

# Conversions

## Conversions Part 2

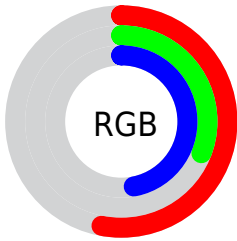
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 79, 119
Decimal	8933239
CIE <sub>Lab</sub>	41.47, 29.97, -12.57
CIE <sub>LCh</sub>	41, 32.502, 337.252
Yxy	12.1581, 0.3436, 0.2566
Android (android.graphics.Color)	4287123319 (0xFF884F77)
YUV	100.6030, 9.0697, 31.0432
Hunter-Lab	34.8685, 22.3167, -7.8000

# Details

The Hex color **884F77** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4F8860**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **BE81AB**, and **552047** is the 20% darker color. If you saturate the color by 10%, you get **884173**, and if you desaturate by 10%, it is **885D7B**.

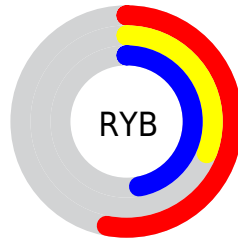
# Distribution



Red (53%)

Green (31%)

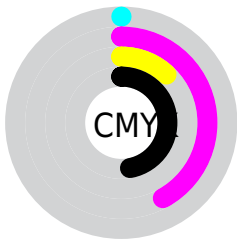
Blue (47%)



Red (53%)

Yellow (31%)

Blue (47%)

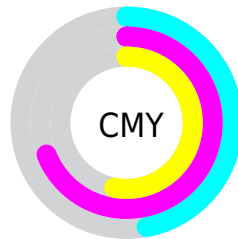


Cyan (0%)

Magenta (42%)

Yellow (12%)

Black (47%)



Cyan (47%)

Magenta (69%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 884F77 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 884F77 by changing the saturation by 10% instead.



 884F77

 884F77

FFFFFF

 6E375E

 BE81AB

 552047

 DB9CC7

 3C0730

 F8B7E3

 28001C

 FFD3FF

 000000

 FFF0FF


 884F77

 884F77

 884173

 885D7B

 88346F

 886A7F

88266B

887883

881967

888587

880B63

88938B

88005F

88A18F

88AE93

88BC97

88C99C

# Harmonies

## Analogous

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



6D588C



884F77



944B5C

# Triad

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



884F77



6C622B



006E81

# Complementary

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



884F77



4F8860

# 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.



007068



884F77



4F6A36

# Square

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



884F77



835931



2A6E4C



006A93

# Rectangle

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



884F77



944E4B



2A6E4C



006F79



# Sweetspot

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



884F77



B099A9



5F4F88



594B55



D9D9D9



595959



# Same Dimension

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



884F77



B05896



884F5B



453E43



85005D



050004



# Inverse Universe

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



884F77



B05896



4F887C



453E43



85005D

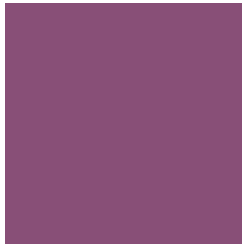


050004



# Previews

## White Background



This preview shows how the Hex color 884F77 looks on a white background.

## Color Contrast Check

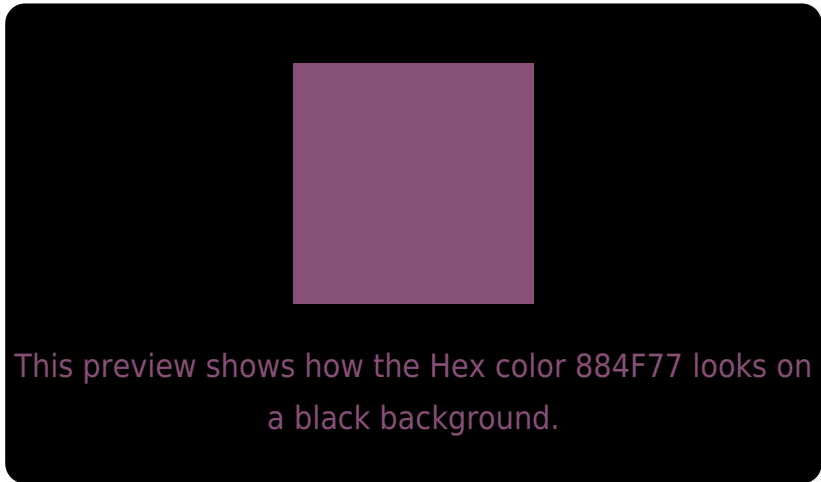
Large Text (above 18pt) WCAG AA ✓ Pass

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

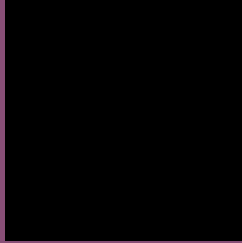
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 884F77 Background



This preview shows how black text looks on a background with the Hex color 884F77.



This preview shows how white text looks on a background with the Hex color 884F77.

# 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**  
85555B

# Trichromacy



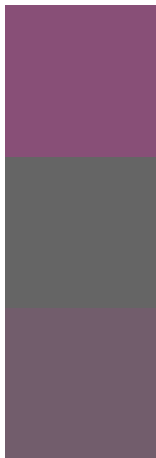
**Original Color**  
884F77

**Protanomaly**  
695A7F

**Deuteranomaly**  
705A75

**Tritanomaly**  
865365

# Monochromacy



**Original Color**  
884F77

**Achromatopsia**  
656565

**Achromatomaly**  
725D6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 884F77 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 #884F77 looks like.

```
.text, #text, p{  
    color:#884F77  
}
```

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 #884F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #884F77
}
```

## Border

The CSS property to change the border of an element to Hex 884F77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

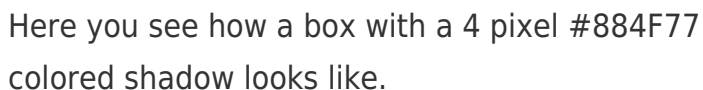
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#884F77 }
```

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

```
.border{ border-color:#884F77 }
```

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



Here you see how a box with a 4 pixel #884F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #884F77; -webkit-box-shadow:4px 4px  
4px 4px #884F77; box-shadow:4px 4px 4px  
4px #884F77 }
```

# Background

The CSS property to change the background color of an element to Hex 884F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#884F77 }
```

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

```
.background{ background-color:#884F77 }
```

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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