

# Converting Colors

Hex(0C875F)

Have a look what the booklet for  
Hex(0C875F) contains.

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# Color

Hex(0C875F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0C875F
RGB	12, 135, 95
RGB Percent	5%, 53%, 37%
CMY	0.9529, 0.4706, 0.6275
CMYK	0.91, 0.00, 0.30, 0.47
HSL	160°, 84%, 29%
HSV	160°, 91%, 53%
XYZ	10.8812, 18.2323, 13.7722
YIQ	93.6630, -60.4680, -38.5160

# Conversions

## Conversions Part 2

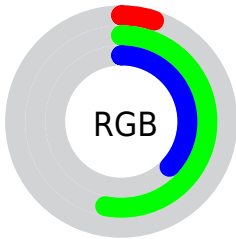
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 85, 135
Decimal	821087
CIE <sub>Lab</sub>	49.78, -40.74, 13.01
CIE <sub>LCh</sub>	50, 42.767, 162.285
Yxy	18.2323, 0.2537, 0.4251
Android (android.graphics.Color)	4279011167 (0xFF0C875F)
YUV	93.6630, 0.6591, -71.6185
Hunter-Lab	42.6993, -29.2363, 10.7662

# Details

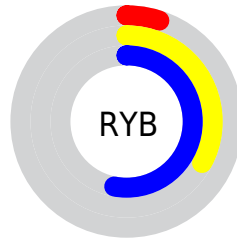
The Hex color **0C875F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **870C34**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **54BD92**, and **005431** is the 20% darker color. If you saturate the color by 10%, you get **00875B**, and if you desaturate by 10%, it is **1A8763**.

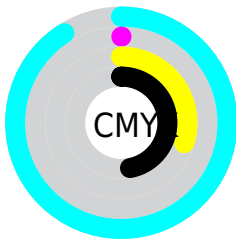
# Distribution



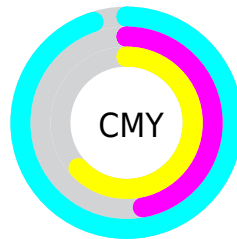
- Red (5%)
- Green (53%)
- Blue (37%)



- Red (5%)
- Yellow (33%)
- Blue (53%)



- Cyan (91%)
- Magenta (0%)
- Yellow (30%)
- Black (47%)



- Cyan (95%)
- Magenta (47%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C875F 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 0C875F by changing the saturation by 10% instead.



 0C875F

 0C875F

FFFFFF

 006D47

 54BD92

 005431

 71D9AC

 003C1B

 8EF6C8

 002702

 AAFFE4

 000000

 C7FFFF

 E4FFFF

 0C875F

 0C875F

 00875B

 1A8763

■ 278768

■ 35876C

■ 428771

■ 4F8775

■ 5D8779

■ 6B877E

■ 788782

■ 858787

# Harmonies

## Analogous

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



55823E



0C875F



008985

# Triad

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



0C875F



5275BD



B35F47

# Complementary

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



0C875F



870C34

# 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.



BA5769



0C875F



8C67AC

# Square

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



0C875F



0080BB



AE5A8D



9D6D30

# Rectangle

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



0C875F



00889C



AE5A8D



B75B52



# Sweetspot

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



0C875F



80B0A1



35870C



3D5950



D9D9D9



595959



# Same Dimension

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



0C875F



00B077



0C7287



3C4240



008258



000302



# Inverse Universe

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



870C34



B00039



87210C



423C3E



82002A



030001



# Previews

## White Background



This preview shows how the Hex color 0C875F looks on a white background.

## Color Contrast Check

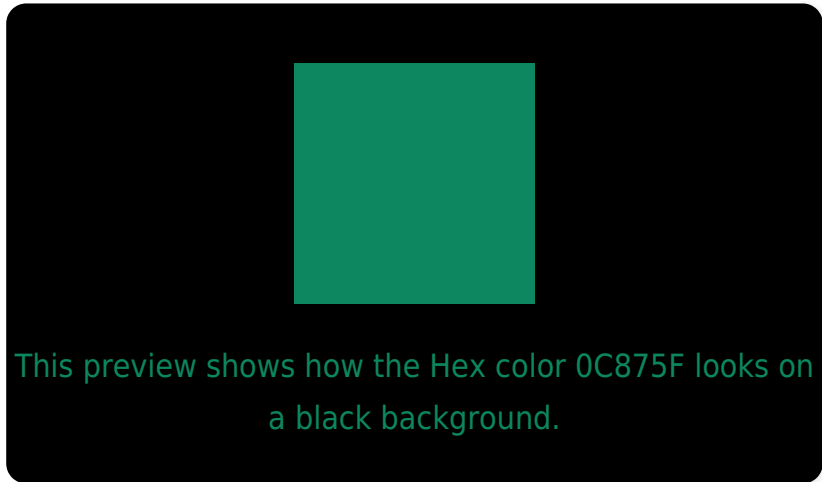
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

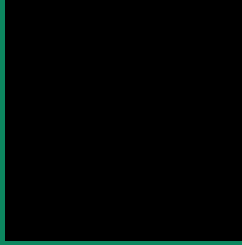
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0C875F Background



This preview shows how black text looks on a background with the Hex color 0C875F.

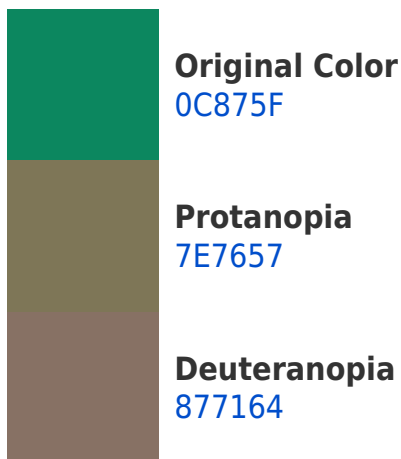


This preview shows how white text looks on a background with the Hex color 0C875F.

# 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**  
2E818C

# Trichromacy



**Original Color**  
0C875F



**Protanomaly**  
557C5A



**Deuteranomaly**  
5A7962



**Tritanomaly**  
22837C

# Monochromacy



**Original Color**  
0C875F



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
406D5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C875F 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 #0C875F looks like.

```
.text, #text, p{  
    color:#0C875F  
}
```

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 #0C875F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C875F
}
```

## Border

The CSS property to change the border of an element to Hex 0C875F 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
#0C875F }
```

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

```
.border{ border-color:#0C875F }
```

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

Here you see how a box with a 4 pixel #0C875F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C875F; -webkit-box-shadow:4px 4px  
4px 4px #0C875F; box-shadow:4px 4px 4px  
4px #0C875F }
```

# Background

The CSS property to change the background color of an element to Hex 0C875F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C875F }
```

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

```
.background{ background-color:#0C875F }
```

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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