

Converting Colors

Hex(0C7F67)

Have a look what the booklet for
Hex(0C7F67) contains.

Hex(0C7F67)	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(0C7F67)

Conversions

Conversions Part 1

Format	Color
Hex	0C7F67
RGB	12, 127, 103
RGB Percent	5%, 50%, 40%
CMY	0.9529, 0.5020, 0.5961
CMYK	0.91, 0.00, 0.19, 0.50
HSL	167°, 83%, 27%
HSV	167°, 91%, 50%
XYZ	10.1892, 16.2362, 15.4288
YIQ	89.8790, -60.8360, -31.8440

Conversions

Conversions Part 2

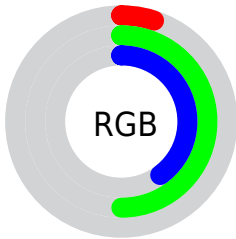
Format	Color
RYB	12, 76, 127
Decimal	819047
CIELab	47.28, -35.25, 4.84
CIElCh	47, 35.580, 172.182
Yxy	16.2362, 0.2434, 0.3879
Android (android.graphics.Color)	4279009127 (0xFF0C7F67)
YUV	89.8790, 6.4687, -68.2999
Hunter-Lab	40.2941, -25.3775, 5.5035

Details

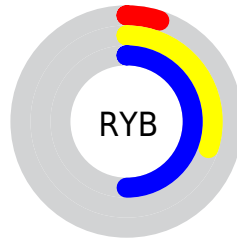
The Hex color **0C7F67** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7F0C24**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **53B59A**, and **004D38** is the 20% darker color. If you saturate the color by 10%, you get **007F64**, and if you desaturate by 10%, it is **197F6A**.

Distribution



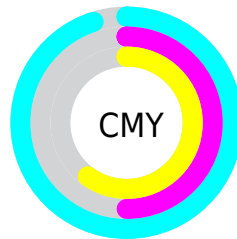
- Red (5%)
- Green (50%)
- Blue (40%)



- Red (5%)
- Yellow (30%)
- Blue (50%)



- Cyan (91%)
- Magenta (0%)
- Yellow (19%)
- Black (50%)



- Cyan (95%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C7F67 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 0C7F67 by changing the saturation by 10% instead.

 0C7F67

 0C7F67

FFFFFF

 00654F

 53B59A

 004D38

 6FD0B5

 003523

 8BEDD0

 00210D

 A8FFED

 000000

 C5FFFF

 E2FFFF

 0C7F67

 0C7F67

 007F64

 197F6A

 257F6C

 327F6F

 3F7F72

 4C7F74

 587F77

 657F7A

 727F7C

 7E7F7F

Harmonies

Analogous

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



497C4A



0C7F67



007F86

Triad

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



0C7F67



666BA8



9E6142

Complementary

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



0C7F67



7F0C24

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.



A9595B



0C7F67



8E6095

Square

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



0C7F67



2776AB



A45879



896C34

Rectangle

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



0C7F67



007E97



A45879



A35E49

Sweetspot

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



0C7F67



79A69C



257F0C



39544F



D4D4D4



545454

Same Dimension

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



0C7F67



00A683



0C5E7F



39403E



008065



000000

Inverse Universe

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



7F0C24



A60023



7F2D0C



40393B



80001B



000000

Previews

White Background



This preview shows how the Hex color 0C7F67 looks on a white background.

Color Contrast Check

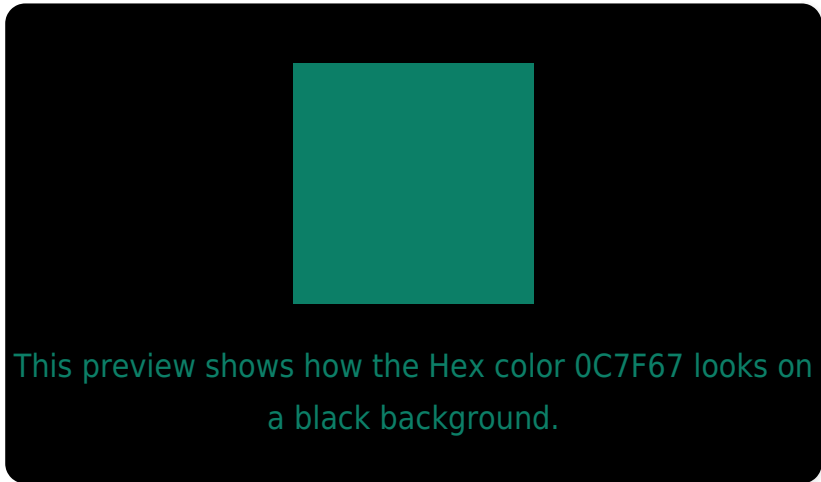
Large Text (above 18pt) WCAG AA ✓ Pass

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

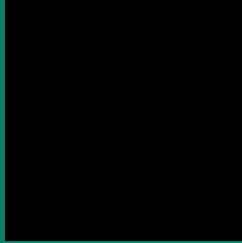
Any Text WCAG AA × Fail

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 0C7F67 Background



This preview shows how black text looks on a background with the Hex color 0C7F67.

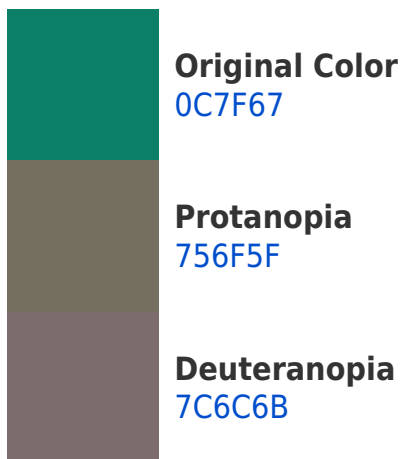


This preview shows how white text looks on a background with the Hex color 0C7F67.

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
277B85

Trichromacy



Original Color
0C7F67



Protanomaly
4F7562



Deuteranomaly
53736A



Tritanomaly
1D7C7A

Monochromacy



Original Color
0C7F67



Achromatopsia
5A5A5A



Achromatomaly
3E675F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C7F67 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 #0C7F67 looks like.

```
.text, #text, p{  
    color:#0C7F67  
}
```

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 #0C7F67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7F67
}
```

Border

The CSS property to change the border of an element to Hex 0C7F67 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
#0C7F67 }
```

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

```
.border{ border-color:#0C7F67 }
```

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

Here you see how a box with a 4 pixel #0C7F67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7F67; -webkit-box-shadow:4px 4px  
4px 4px #0C7F67; box-shadow:4px 4px 4px  
4px #0C7F67 }
```

Background

The CSS property to change the background color of an element to Hex 0C7F67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7F67 }
```

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

```
.background{ background-color:#0C7F67 }
```

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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