

# Converting Colors

Hex(007F64)

Have a look what the booklet for  
Hex(007F64) contains.

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# Color

Hex(007F64)

# Conversions

## Conversions Part 1

Format	Color
Hex	007F64
RGB	0, 127, 100
RGB Percent	0%, 50%, 39%
CMY	1.0000, 0.5020, 0.6078
CMYK	1.00, 0.00, 0.21, 0.50
HSL	167°, 100%, 25%
HSV	167°, 100%, 50%
XYZ	9.8896, 16.0988, 14.6427
YIQ	85.9490, -67.0250, -35.3210

# Conversions

## Conversions Part 2

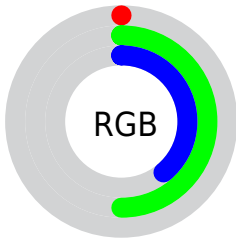
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 71, 127
Decimal	32612
CIELab	47.10, -36.83, 6.33
CIELCh	47, 37.369, 170.243
Yxy	16.0988, 0.2434, 0.3962
Android (android.graphics.Color)	4278222692 (0xFF007F64)
YUV	85.9490, 6.9271, -75.3773
Hunter-Lab	40.1234, -26.2191, 6.4489

# Details

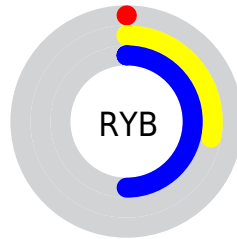
The Hex color **007F64** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7F001B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **4FB597**, and **004D35** is the 20% darker color. If you saturate the color by 10%, you get **007F64**, and if you desaturate by 10%, it is **0D7F67**.

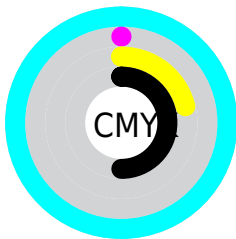
# Distribution



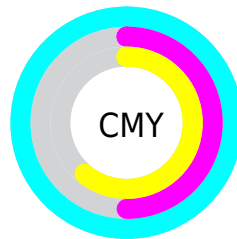
- Red (0%)
- Green (50%)
- Blue (39%)



- Red (0%)
- Yellow (28%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007F64 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 007F64 by changing the saturation by 10% instead.



 007F64

 007F64

FFFFFF

 00654C

 4FB597

 004D35

 6CD0B1

 003520

 88EDCD

 002109

 A5FFE9

 000000

 C2FFFF

 DFFFFFF

 FFFFFFF

 007F64

 0D7F67

 197F69

 267F6C

 337F6F

 407F72

 4C7F74

 597F77

 667F7A

 727F7C

# Harmonies

## Analogous

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



497B46



007F64



008084

# Triad

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



007F64



616BAB



A15F40

# Complementary

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



007F64



7F001B

# 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.



AB565C



007F64



8C5F98

# Square

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



007F64



0F76AD



A5567B



8B6A30

# Rectangle

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



007F64



007E97



A5567B



A65B49



# Sweetspot

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



007F64



74A69B



1C7F00



36544E



D4D4D4



545454



# Same Dimension

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



007F64



00A683



005B7F



39403E



008064



000000



# Inverse Universe

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



7F001B



A60023



7F2400



40393B



80001B



000000



# Previews

## White Background



This preview shows how the Hex color 007F64 looks on a white background.

## Color Contrast Check

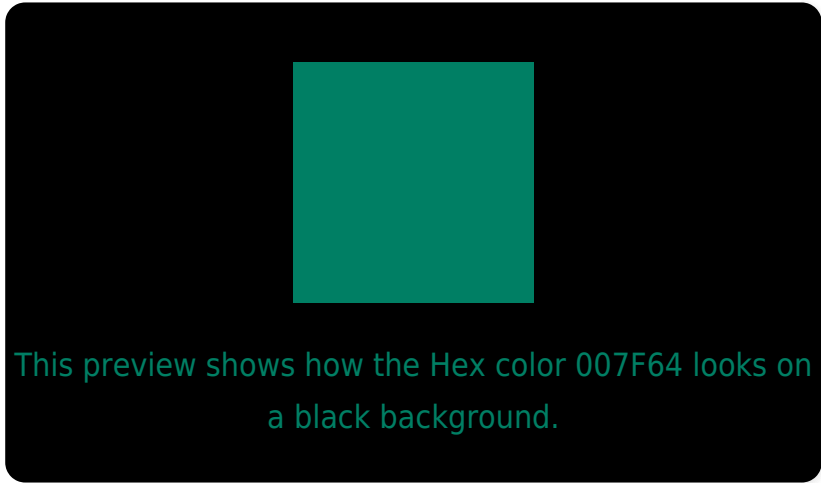
Large Text (above 18pt) WCAG AA ✓ Pass

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 007F64 Background



This preview shows how black text looks on a background with the Hex color 007F64.

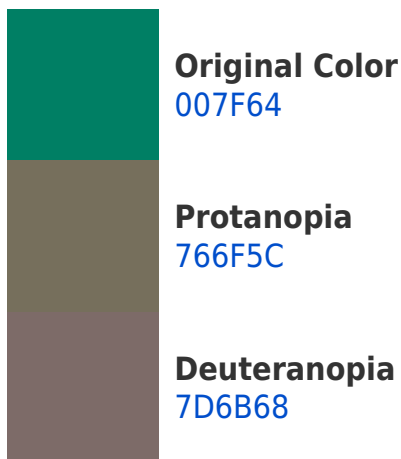


This preview shows how white text looks on a background with the Hex color 007F64.

# 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**

007F64



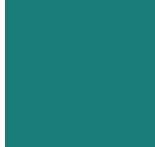
**Protanomaly**

4B755F



**Deuteranomaly**

507267



**Tritanomaly**

197C79

# Monochromacy



**Original Color**

007F64



**Achromatopsia**

565656



**Achromatomaly**

37655B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007F64 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 #007F64 looks like.

```
.text, #text, p{  
    color:#007F64  
}
```

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 #007F64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007F64
}
```

## Border

The CSS property to change the border of an element to Hex 007F64 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
#007F64 }
```

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

```
.border{ border-color:#007F64 }
```

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

Here you see how a box with a 4 pixel #007F64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007F64; -webkit-box-shadow:4px 4px  
4px 4px #007F64; box-shadow:4px 4px 4px  
4px #007F64 }
```

# Background

The CSS property to change the background color of an element to Hex 007F64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007F64 }
```

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

```
.background{ background-color:#007F64 }
```

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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