

# Converting Colors

Hex(007E5C)

Have a look what the booklet for  
Hex(007E5C) contains.

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# Color

Hex(007E5C)

# Conversions

## Conversions Part 1

Format	Color
Hex	007E5C
RGB	0, 126, 92
RGB Percent	0%, 49%, 36%
CMY	1.0000, 0.5059, 0.6392
CMYK	1.00, 0.00, 0.27, 0.51
HSL	164°, 100%, 25%
HSV	164°, 100%, 49%
XYZ	9.3926, 15.6944, 12.6595
YIQ	84.4500, -64.1820, -37.2860

# Conversions

## Conversions Part 2

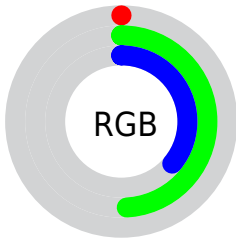
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 73, 126
Decimal	32348
CIELab	46.57, -38.54, 10.27
CIELCh	47, 39.883, 165.084
Yxy	15.6944, 0.2488, 0.4158
Android (android.graphics.Color)	4278222428 (0xFF007E5C)
YUV	84.4500, 3.7222, -74.0626
Hunter-Lab	39.6162, -27.0076, 8.7850

# Details

The Hex color **007E5C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7E0022**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **4EB48E**, and **004C2E** is the 20% darker color. If you saturate the color by 10%, you get **007E5C**, and if you desaturate by 10%, it is **0D7E5F**.

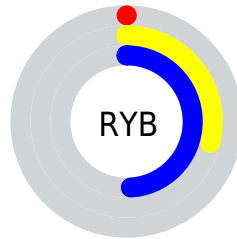
# Distribution



Red (0%)

Green (49%)

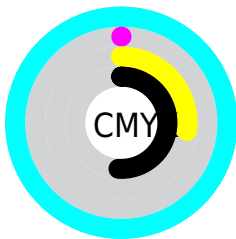
Blue (36%)



Red (0%)

Yellow (29%)

Blue (49%)

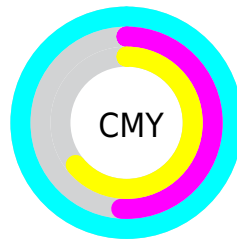


Cyan (100%)

Magenta (0%)

Yellow (27%)

Black (51%)



Cyan (100%)

Magenta (51%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007E5C 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 007E5C by changing the saturation by 10% instead.



 007E5C

 007E5C

FFFFFF

 006444

 4EB48E

 004C2E

 6BCFA9

 003419

 87ECC4

 001F00

 A4FFE0

 000000

 C0FFFD

 DEFFFF

 FBFFFF

 007E5C

 0D7E5F

 197E63

 267E66

 327E6A

 3F7E6D

 4C7E70

 587E74

 657E77

 717E7B

# Harmonies

## Analogous

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



4B7A3D



007E5C



007F7F

# Triad

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



007E5C



536CAF



A55A40

# Complementary

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



007E5C



7E0022

# 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.



AD525F



007E5C



865F9E

# Square

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



007E5C



0077AF



A35480



90672C

# Rectangle

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



007E5C



007E94



A35480



A9574A



# Sweetspot

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



007E5C



72A396



247E00



34524A



D1D1D1



525252



# Same Dimension

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



007E5C



00A377



00637E



39403E



00805D



000000



# Inverse Universe

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



7E0022



A3002C



7E1B00



40393B



800022



000000



# Previews

## White Background



This preview shows how the Hex color 007E5C looks on a white background.

## Color Contrast Check

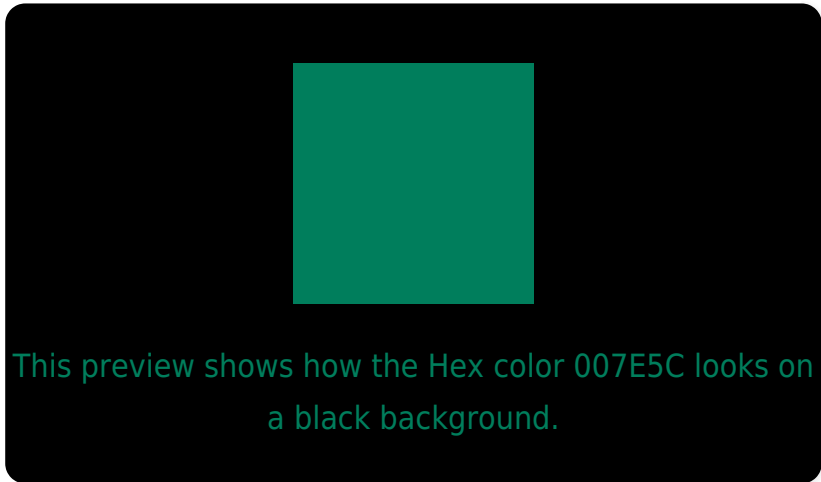
Large Text (above 18pt) WCAG AA ✓ Pass

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

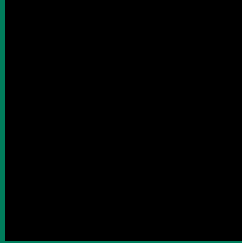
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 007E5C Background



This preview shows how black text looks on a background with the Hex color 007E5C.

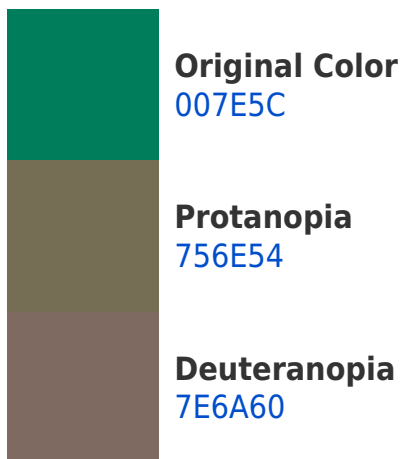


This preview shows how white text looks on a background with the Hex color 007E5C.

# 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**  
297983

# Trichromacy



**Original Color**  
007E5C



**Protanomaly**  
4A7457



**Deuteranomaly**  
50715F



**Tritanomaly**  
1A7B75

# Monochromacy



**Original Color**  
007E5C



**Achromatopsia**  
545454



**Achromatomaly**  
356357

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007E5C 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 #007E5C looks like.

```
.text, #text, p{  
    color:#007E5C  
}
```

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 #007E5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007E5C
}
```

## Border

The CSS property to change the border of an element to Hex 007E5C 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
#007E5C }
```

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

```
.border{ border-color:#007E5C }
```

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

Here you see how a box with a 4 pixel #007E5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007E5C; -webkit-box-shadow:4px 4px  
4px 4px #007E5C; box-shadow:4px 4px 4px  
4px #007E5C }
```

# Background

The CSS property to change the background color of an element to Hex 007E5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007E5C }
```

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

```
.background{ background-color:#007E5C }
```

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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