

# Converting Colors

Hex(007C4C)

Have a look what the booklet for  
Hex(007C4C) contains.

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**Color**

**Hex(007C4C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007C4C
RGB	0, 124, 76
RGB Percent	0%, 49%, 30%
CMY	1.0000, 0.5137, 0.7020
CMYK	1.00, 0.00, 0.39, 0.51
HSL	157°, 100%, 24%
HSV	157°, 100%, 49%
XYZ	8.5122, 14.9371, 9.2720
YIQ	81.4520, -58.4960, -41.2160

# Conversions

## Conversions Part 2

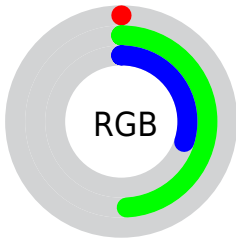
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 77, 124
Decimal	31820
CIELab	45.55, -41.59, 18.13
CIElCh	46, 45.369, 156.450
Yxy	14.9371, 0.2601, 0.4565
Android (android.graphics.Color)	4278221900 (0xFF007C4C)
YUV	81.4520, -2.6878, -71.4334
Hunter-Lab	38.6486, -28.3212, 12.8300

# Details

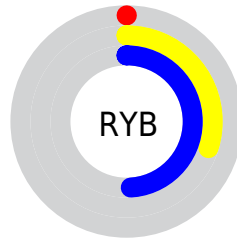
The Hex color **007C4C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7C0030**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **4DB27D**, and **004A1F** is the 20% darker color. If you saturate the color by 10%, you get **007C4C**, and if you desaturate by 10%, it is **0C7C51**.

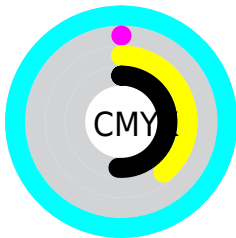
# Distribution



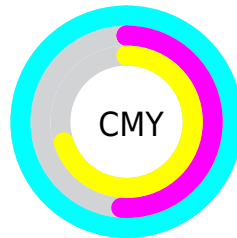
- Red (0%)
- Green (49%)
- Blue (30%)



- Red (0%)
- Yellow (30%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007C4C 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 007C4C by changing the saturation by 10% instead.





007C4C



007C4C

FFFFFF



006235



4DB27D



004A1F



6ACD97



003209



86EAB2



001C00



A2FFCE



000000



BFFFEA



DCFFFF



FAFFFF



007C4C

 0C7C51

 197C56

 257C5A

 327C5F

 3E7C64

 4A7C69

 577C6E

 637C72

 707C77

# Harmonies

## Analogous

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



50762B



007C4C



007E73

# Triad

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



007C4C



2A6DB7



AC5041

# Complementary

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



007C4C



7C0030

# 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.



B14965



007C4C



785EA9

# Square

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



007C4C



0078B1



A04F8B



985F24

# Rectangle

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



007C4C



007E8D



A04F8B



B04C4C



# Sweetspot

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



007C4C



70A18E



327C00



345246



D1D1D1



525252



# Same Dimension

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



007C4C



00A162



00707C



373D3B



007D4D



00FC9B



# Inverse Universe

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



7C0030



A1003E



7C0C00



3D3739



7D0030



FC0062



# Previews

## White Background



This preview shows how the Hex color 007C4C looks on a white background.

## Color Contrast Check

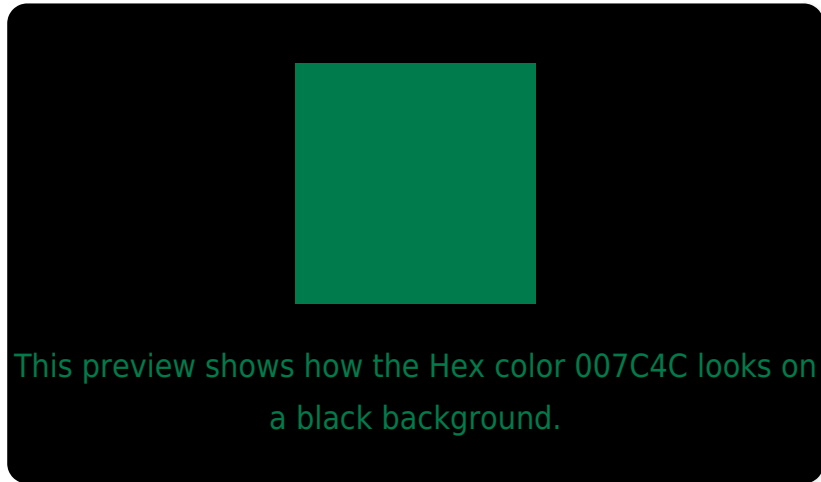
Large Text (above 18pt) WCAG AA ✓ Pass

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 007C4C Background



This preview shows how black text looks on a background with the Hex color 007C4C.



This preview shows how white text looks on a background with the Hex color 007C4C.

# 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



**Original Color**  
007C4C

**Protanopia**  
756B45

**Deuteranopia**  
7F6751



**Tritanopia**  
2D767F

# Trichromacy



**Original Color**  
007C4C



**Protanomaly**  
4A7148



**Deuteranomaly**  
516F4F



**Tritanomaly**  
1D786C

# Monochromacy



**Original Color**  
007C4C



**Achromatopsia**  
515151



**Achromatomaly**  
34614F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007C4C 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 #007C4C looks like.

```
.text, #text, p{  
    color:#007C4C  
}
```

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 #007C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007C4C
}
```

## Border

The CSS property to change the border of an element to Hex 007C4C 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
#007C4C }
```

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

```
.border{ border-color:#007C4C }
```

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

Here you see how a box with a 4 pixel #007C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007C4C; -webkit-box-shadow:4px 4px  
4px 4px #007C4C; box-shadow:4px 4px 4px  
4px #007C4C }
```

# Background

The CSS property to change the background color of an element to Hex 007C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007C4C }
```

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

```
.background{ background-color:#007C4C }
```

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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