

# Converting Colors

Hex(00764C)

Have a look what the booklet for  
Hex(00764C) contains.

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**Color**

**Hex(00764C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00764C
RGB	0, 118, 76
RGB Percent	0%, 46%, 30%
CMY	1.0000, 0.5373, 0.7020
CMYK	1.00, 0.00, 0.36, 0.54
HSL	159°, 100%, 23%
HSV	159°, 100%, 46%
XYZ	7.7829, 13.4787, 9.0289
YIQ	77.9300, -56.8460, -38.0780

# Conversions

## Conversions Part 2

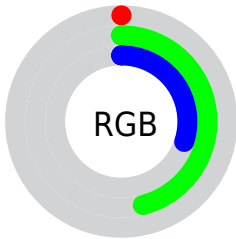
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 72, 118
Decimal	30284
CIELab	43.48, -39.24, 15.33
CIElCh	43, 42.127, 158.660
Yxy	13.4787, 0.2569, 0.4450
Android (android.graphics.Color)	4278220364 (0xFF00764C)
YUV	77.9300, -0.9515, -68.3446
Hunter-Lab	36.7133, -26.4077, 11.1181

# Details

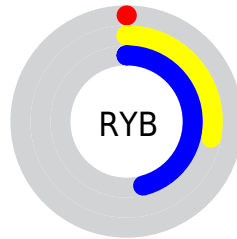
The Hex color **00764C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **76002A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4BAB7D**, and **00441F** is the 20% darker color. If you saturate the color by 10%, you get **00764C**, and if you desaturate by 10%, it is **0C7650**.

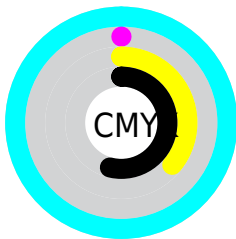
# Distribution



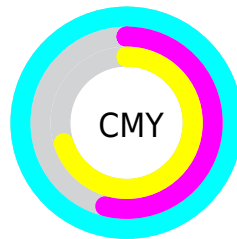
- Red (0%)
- Green (46%)
- Blue (30%)



- Red (0%)
- Yellow (28%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (70%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00764C 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 00764C by changing the saturation by 10% instead.



 00764C

 00764C

FFFFFF

 005D35

 4BAB7D

 00441F

 68C797

 002D09

 83E3B2

 001400

 A0FFCD

 000000

 BCFFEA

 D9FFFF

 F7FFFF

 00764C

 0C7650

 187654

 237659

 2F765D

 3B7661

 477665

 537669

 5E766E

 6A7672

# Harmonies

## Analogous

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



4B712D



00764C



007870

# Triad

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



00764C



3567AC



A24E3D

# Complementary

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



00764C



76002A

# 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.



A7475E



00764C



76599D

# Square

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



00764C



0071A7



994C81



8E5C24

# Rectangle

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



00764C



007787



994C81



A54B47



# Sweetspot

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



00764C



6B9989



2B7600



314D43



CCCCCC



4D4D4D



# Same Dimension

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



00764C



009963



006676



353B39



007A4F



00FAA1



# Inverse Universe

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



76002A



990036



761000



3B3537



7A002C



FA0059



# Previews

## White Background



This preview shows how the Hex color 00764C looks on a white background.

## Color Contrast Check

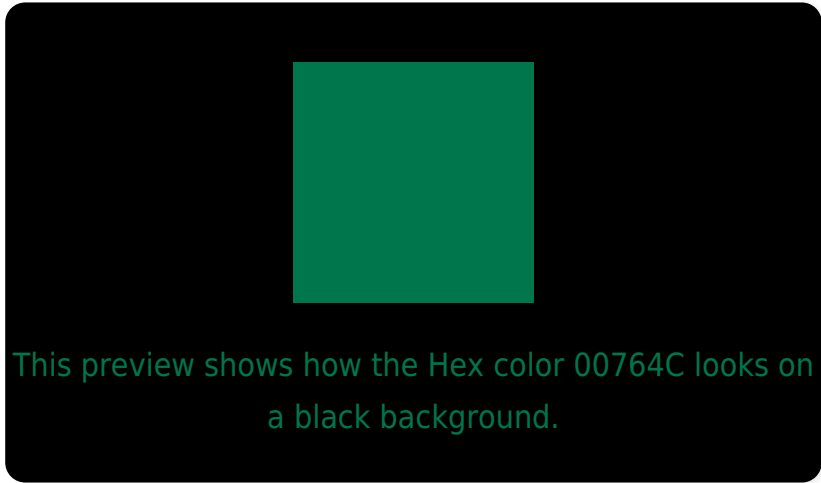
Large Text (above 18pt) WCAG AA ✓ Pass

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 00764C Background



This preview shows how black text looks on a background with the Hex color 00764C.



This preview shows how white text looks on a background with the Hex color 00764C.

# 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**  
00764C

**Protanopia**  
6F6645

**Deuteranopia**  
786250



**Tritanopia**  
2A707A

# Trichromacy



**Original Color**  
00764C



**Protanomaly**  
476C48



**Deuteranomaly**  
4C694F



**Tritanomaly**  
1B7269

# Monochromacy



**Original Color**  
00764C



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
325D4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00764C 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 #00764C looks like.

```
.text, #text, p{  
    color:#00764C  
}
```

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 #00764C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00764C
}
```

## Border

The CSS property to change the border of an element to Hex 00764C 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
#00764C }
```

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

```
.border{ border-color:#00764C }
```

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

Here you see how a box with a 4 pixel #00764C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00764C; -webkit-box-shadow:4px 4px  
4px 4px #00764C; box-shadow:4px 4px 4px  
4px #00764C }
```

# Background

The CSS property to change the background color of an element to Hex 00764C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00764C }
```

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

```
.background{ background-color:#00764C }
```

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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