

# Converting Colors

Hex(007B4C)

Have a look what the booklet for  
Hex(007B4C) contains.

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**Color**

**Hex(007B4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007B4C
RGB	0, 123, 76
RGB Percent	0%, 48%, 30%
CMY	1.0000, 0.5176, 0.7020
CMYK	1.00, 0.00, 0.38, 0.52
HSL	157°, 100%, 24%
HSV	157°, 100%, 48%
XYZ	8.3875, 14.6877, 9.2304
YIQ	80.8650, -58.2210, -40.6930

# Conversions

## Conversions Part 2

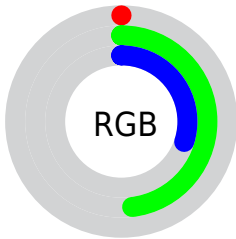
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 76, 123
Decimal	31564
CIELab	45.20, -41.20, 17.66
CIELCh	45, 44.830, 156.794
Yxy	14.6877, 0.2596, 0.4546
Android (android.graphics.Color)	4278221644 (0xFF007B4C)
YUV	80.8650, -2.3984, -70.9186
Hunter-Lab	38.3246, -28.0026, 12.5473

# Details

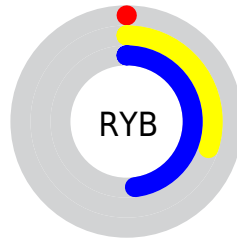
The Hex color **007B4C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7B002F**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **4DB07D**, and **00491F** is the 20% darker color. If you saturate the color by 10%, you get **007B4C**, and if you desaturate by 10%, it is **0C7B51**.

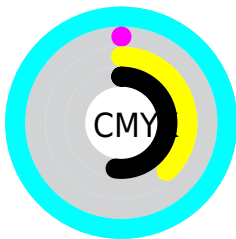
# Distribution



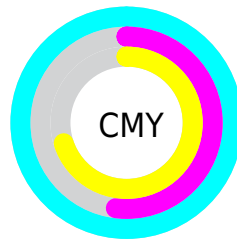
- Red (0%)
- Green (48%)
- Blue (30%)



- Red (0%)
- Yellow (30%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007B4C 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 007B4C by changing the saturation by 10% instead.



 007B4C

 007B4C

FFFFFF

 006135

 4DB07D

 00491F

 69CC97

 003109

 85E9B2

 001B00

 A2FFCE

 000000

 BEFFEA

 DCFFFF


 F9FFFF

 007B4C

 0C7B51

 197B55

 257B5A

 317B5F

 3E7B64

 4A7B68

 567B6D

 627B72

 6F7B76

# Harmonies

## Analogous

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



4F752B



007B4C



007D73

# Triad

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



007B4C



2C6CB5



AA5040

# Complementary

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



007B4C



7B002F

# 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.



AF4864



007B4C



785DA7

# Square

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



007B4C



0077AF



9F4E89



965E24

# Rectangle

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



007B4C



007D8C



9F4E89



AE4C4B



# Sweetspot

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



007B4C



70A18E



2F7B00



345246



D1D1D1



525252



# Same Dimension

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



007B4C



00A163



006D7B



373D3B



007D4D



00FC9C



# Inverse Universe

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



7B002F



A1003D



7B0E00



3D3739



7D0030



FC0060



# Previews

## White Background



This preview shows how the Hex color 007B4C looks on a white background.

## Color Contrast Check

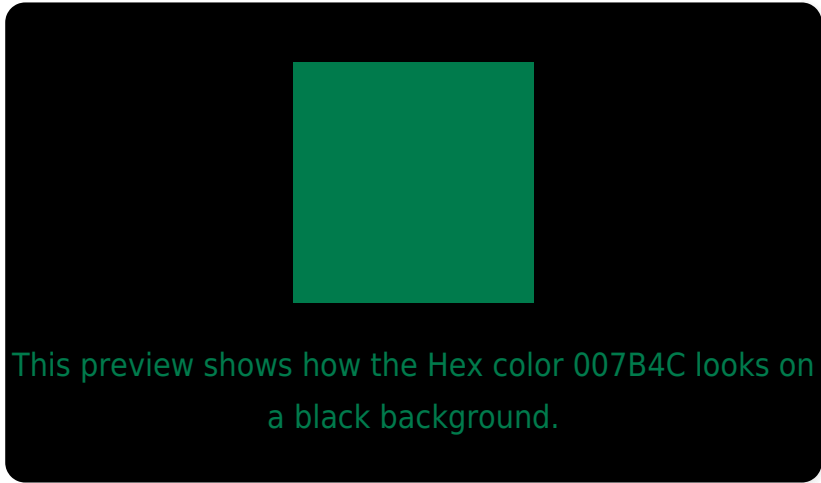
Large Text (above 18pt) WCAG AA ✓ Pass

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

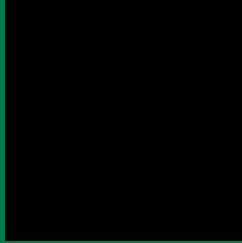
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 007B4C Background



This preview shows how black text looks on a background with the Hex color 007B4C.

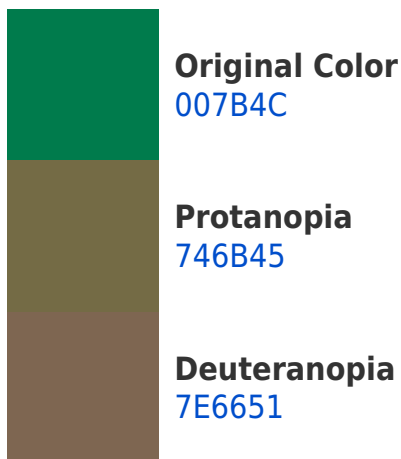


This preview shows how white text looks on a background with the Hex color 007B4C.

# 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](#).

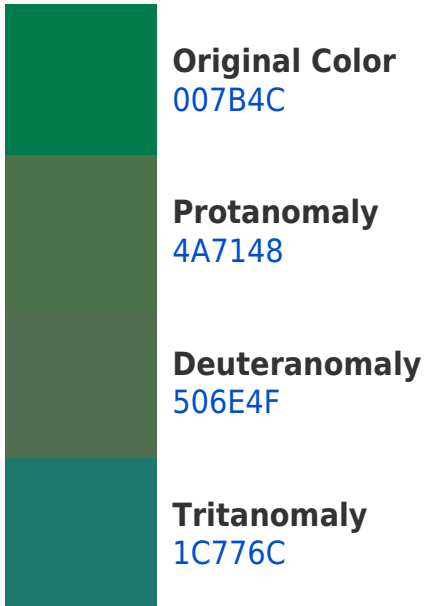
## Dichromacy



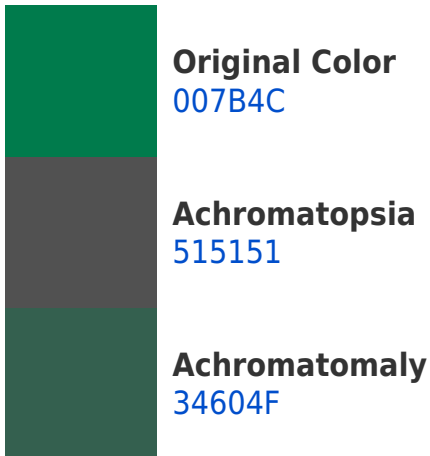


**Tritanopia**  
2C757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007B4C 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 #007B4C looks like.

```
.text, #text, p{  
    color:#007B4C  
}
```

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 #007B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007B4C
}
```

## Border

The CSS property to change the border of an element to Hex 007B4C 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
#007B4C }
```

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

```
.border{ border-color:#007B4C }
```

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

Here you see how a box with a 4 pixel #007B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007B4C; -webkit-box-shadow:4px 4px  
4px 4px #007B4C; box-shadow:4px 4px 4px  
4px #007B4C }
```

# Background

The CSS property to change the background color of an element to Hex 007B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007B4C }
```

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

```
.background{ background-color:#007B4C }
```

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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