

# Converting Colors

Hex(006F4B)

Have a look what the booklet for  
Hex(006F4B) contains.

<b>Hex(006F4B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(006F4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006F4B
RGB	0, 111, 75
RGB Percent	0%, 44%, 29%
CMY	1.0000, 0.5647, 0.7059
CMYK	1.00, 0.00, 0.32, 0.56
HSL	161°, 100%, 22%
HSV	161°, 100%, 44%
XYZ	6.9544, 11.8769, 8.5825
YIQ	73.7070, -54.6000, -34.7280

# Conversions

## Conversions Part 2

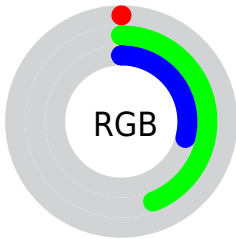
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 66, 111
Decimal	28491
CIELab	41.02, -36.65, 12.56
CIELCh	41, 38.739, 161.086
Yxy	11.8769, 0.2537, 0.4332
Android (android.graphics.Color)	4278218571 (0xFF006F4B)
YUV	73.7070, 0.6374, -64.6410
Hunter-Lab	34.4628, -24.2895, 9.3586

# Details

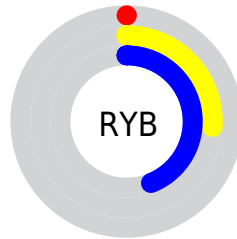
The Hex color **006F4B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F0024**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **49A47C**, and **003E1F** is the 20% darker color. If you saturate the color by 10%, you get **006F4B**, and if you desaturate by 10%, it is **0B6F4F**.

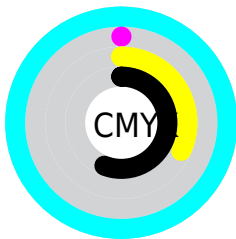
# Distribution



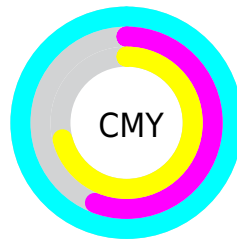
- Red (0%)
- Green (44%)
- Blue (29%)



- Red (0%)
- Yellow (26%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (71%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006F4B 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 006F4B by changing the saturation by 10% instead.



 006F4B

 006F4B

FFFFFF

 005634

 49A47C

 003E1F

 65BF96

 002808

 81DBB1

 000700

 9CF8CC

 000000

 B9FFE8

 D6FFFF

 F3FFFF

 006F4B

 0B6F4F

 166F52

 216F56

 2C6F59

 386F5D

 436F61

 4E6F64

 596F68

 646F6B

# Harmonies

## Analogous

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



446B2E



006F4B



00706C

# Triad

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



006F4B



3C609F



964C38

# Complementary

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



006F4B



6F0024

# 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.



9B4456



006F4B



725391

# Square

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



006F4B



006A9C



904876



835823

# Rectangle

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



006F4B



007081



904876



994842



# Sweetspot

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



006F4B



669183



256F00



2F4A41



C9C9C9



4A4A4A



# Same Dimension

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



006F4B



009162



005C6F



323836



007851



00F7A7



# Inverse Universe

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



6F0024



91002F



6F1200



383234



780027



F70050



# Previews

## White Background



This preview shows how the Hex color 006F4B looks on a white background.

## Color Contrast Check

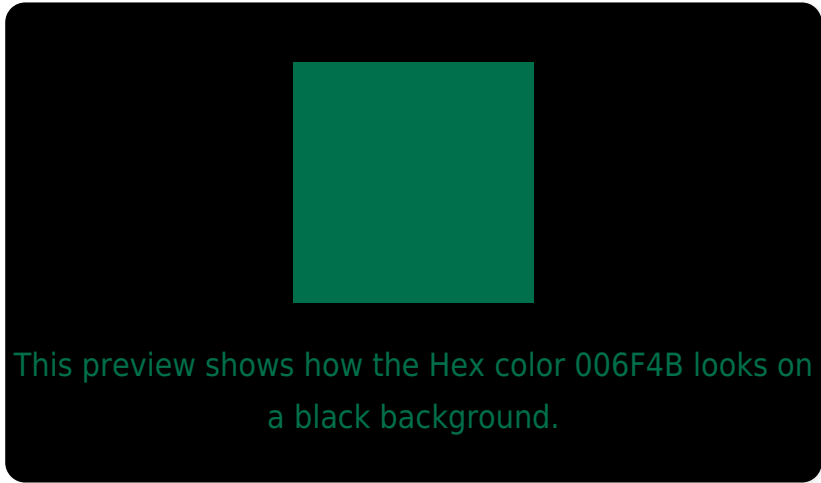
Large Text (above 18pt) WCAG AA ✓ Pass

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 006F4B Background



This preview shows how black text looks on a background with the Hex color 006F4B.

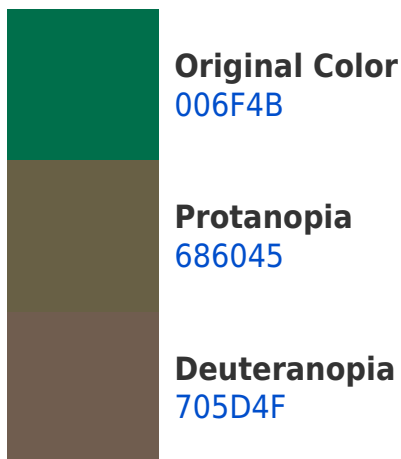



This preview shows how white text looks on a background with the Hex color 006F4B.

# 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**  
266A73

# Trichromacy



**Original Color**

006F4B



**Protanomaly**

426547



**Deuteranomaly**

47644E



**Tritanomaly**

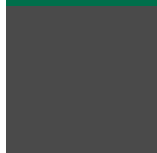
186C64

# Monochromacy



**Original Color**

006F4B



**Achromatopsia**

4A4A4A



**Achromatomaly**

2F574A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006F4B 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 #006F4B looks like.

```
.text, #text, p{  
    color:#006F4B  
}
```

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 #006F4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006F4B
}
```

## Border

The CSS property to change the border of an element to Hex 006F4B 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
#006F4B }
```

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

```
.border{ border-color:#006F4B }
```

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

Here you see how a box with a 4 pixel #006F4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006F4B; -webkit-box-shadow:4px 4px  
4px 4px #006F4B; box-shadow:4px 4px 4px  
4px #006F4B }
```

# Background

The CSS property to change the background color of an element to Hex 006F4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006F4B }
```

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

```
.background{ background-color:#006F4B }
```

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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