

Converting Colors

Hex(006F4C)

Have a look what the booklet for
Hex(006F4C) contains.

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Color

Hex(006F4C)

Conversions

Conversions Part 1

Format	Color
Hex	006F4C
RGB	0, 111, 76
RGB Percent	0%, 44%, 30%
CMY	1.0000, 0.5647, 0.7020
CMYK	1.00, 0.00, 0.32, 0.56
HSL	161°, 100%, 22%
HSV	161°, 100%, 44%
XYZ	6.9889, 11.8907, 8.7643
YIQ	73.8210, -54.9210, -34.4170

Conversions

Conversions Part 2

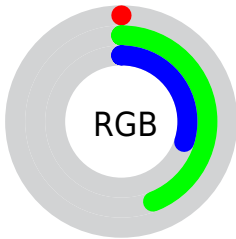
Format	Color
RYB	0, 66, 111
Decimal	28492
CIELab	41.04, -36.40, 11.99
CIELCh	41, 38.322, 161.761
Yxy	11.8907, 0.2528, 0.4301
Android (android.graphics.Color)	4278218572 (0xFF006F4C)
YUV	73.8210, 1.0742, -64.7410
Hunter-Lab	34.4829, -24.1669, 9.0687

Details

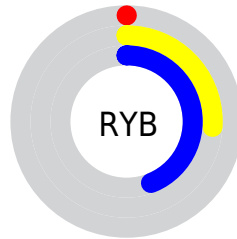
The Hex color **006F4C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F0023**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **49A47D**, and **003E20** is the 20% darker color. If you saturate the color by 10%, you get **006F4C**, and if you desaturate by 10%, it is **0B6F50**.

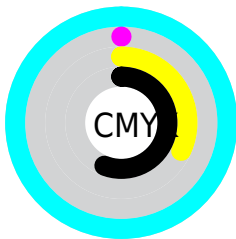
Distribution



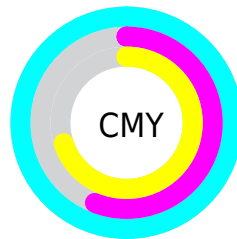
- Red (0%)
- Green (44%)
- Blue (30%)



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



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



- Cyan (100%)
- Magenta (56%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006F4C 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 006F4C by changing the saturation by 10% instead.

 006F4C

 006F4C

FFFFFF

 005635

 49A47D

 003E20

 65BF97

 002809

 81DBB2

 000700

 9DF8CD

 000000

 B9FFE9

 D6FFFF

 F3FFFF

 006F4C

 0B6F50

 166F53

 216F57

 2C6F5A

 386F5E

 436F61

 4E6F65

 596F68

 646F6C

Harmonies

Analogous

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



446B30



006F4C



00706D

Triad

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



006F4C



3F609E



954C38

Complementary

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



006F4C



6F0023

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.



9B4556



006F4C



735390

Square

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



006F4C



00699C



904875



825823

Rectangle

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



006F4C



007081



904875



994941

Sweetspot

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



006F4C



669184



236F00



2F4A42



C9C9C9



4A4A4A

Same Dimension

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



006F4C



009164



005B6F



323836



007852



00F7A9

Inverse Universe

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



6F0023



91002E



6F1400



383234



780026



F7004E

Previews

White Background



This preview shows how the Hex color 006F4C looks on a white background.

Color Contrast Check

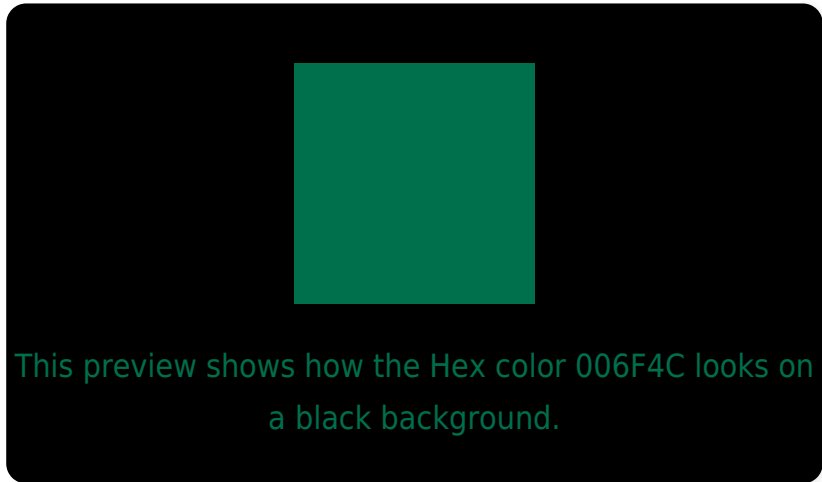
Large Text (above 18pt) WCAG AA ✓ Pass

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

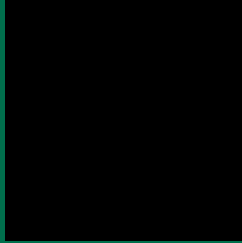
Any Text WCAG AA × Fail

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 006F4C Background



This preview shows how black text looks on a background with the Hex color 006F4C.



This preview shows how white text looks on a background with the Hex color 006F4C.

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
006F4C

Protanopia
686146

Deuteranopia
705D50



Tritanopia
266A73

Trichromacy



Original Color
006F4C



Protanomaly
426648



Deuteranomaly
47644F



Tritanomaly
186C65

Monochromacy



Original Color
006F4C



Achromatopsia
4A4A4A



Achromatomaly
2F574B

CSS Examples

Text

The CSS property to change the color of the text to Hex 006F4C 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 #006F4C looks like.

```
.text, #text, p{  
    color:#006F4C  
}
```

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 #006F4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006F4C
}
```

Border

The CSS property to change the border of an element to Hex 006F4C 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
#006F4C }
```

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

```
.border{ border-color:#006F4C }
```

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

Here you see how a box with a 4 pixel #006F4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006F4C; -webkit-box-shadow:4px 4px  
4px 4px #006F4C; box-shadow:4px 4px 4px  
4px #006F4C }
```

Background

The CSS property to change the background color of an element to Hex 006F4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006F4C }
```

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

```
.background{ background-color:#006F4C }
```

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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