

Converting Colors

Hex(006F4A)

Have a look what the booklet for
Hex(006F4A) contains.

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Color

Hex(006F4A)

Conversions

Conversions Part 1

Format	Color
Hex	006F4A
RGB	0, 111, 74
RGB Percent	0%, 44%, 29%
CMY	1.0000, 0.5647, 0.7098
CMYK	1.00, 0.00, 0.33, 0.56
HSL	160°, 100%, 22%
HSV	160°, 100%, 44%
XYZ	6.9205, 11.8633, 8.4037
YIQ	73.5930, -54.2790, -35.0390

Conversions

Conversions Part 2

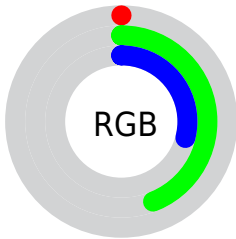
Format	Color
RYB	0, 67, 111
Decimal	28490
CIELab	41.00, -36.89, 13.12
CIELCh	41, 39.158, 160.425
Yxy	11.8633, 0.2545, 0.4364
Android (android.graphics.Color)	4278218570 (0xFF006F4A)
YUV	73.5930, 0.2007, -64.5411
Hunter-Lab	34.4431, -24.4104, 9.6442

Details

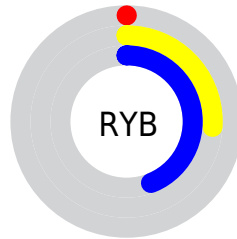
The Hex color **006F4A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F0025**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **49A47B**, and **003E1E** is the 20% darker color. If you saturate the color by 10%, you get **006F4A**, and if you desaturate by 10%, it is **0B6F4E**.

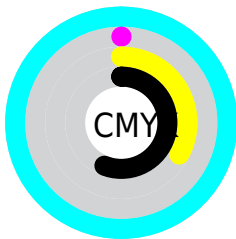
Distribution



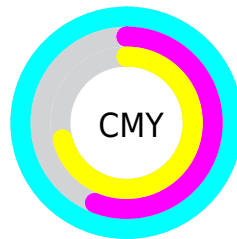
- Red (0%)
- Green (44%)
- Blue (29%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (56%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 006F4A 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 006F4A by changing the saturation by 10% instead.

 006F4A

 006F4A

FFFFFF

 005633

 49A47B

 003E1E

 65BF95

 002806

 81DBAF

 000700

 9CF8CB

 000000

 B9FFE7

 D6FFFF

 F3FFFF

 006F4A

 0B6F4E

 166F51

 216F55

 2C6F59

 386F5D

 436F60

 4E6F64

 596F68

 646F6B

Harmonies

Analogous

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



456B2D



006F4A



00716B

Triad

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



006F4A



3A60A0



964B39

Complementary

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



006F4A



6F0025

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.



9C4457



006F4A



715492

Square

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



006F4A



006A9D



904877



845723

Rectangle

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



006F4A



007080



904877



9A4842

Sweetspot

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



006F4A



669183



256F00



2F4A41



C9C9C9



4A4A4A

Same Dimension

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



006F4A



009161



005C6F



323836



007850



00F7A5

Inverse Universe

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



6F0025



910030



6F1200



383234



780028



F70052

Previews

White Background



This preview shows how the Hex color 006F4A looks on a white background.

Color Contrast Check

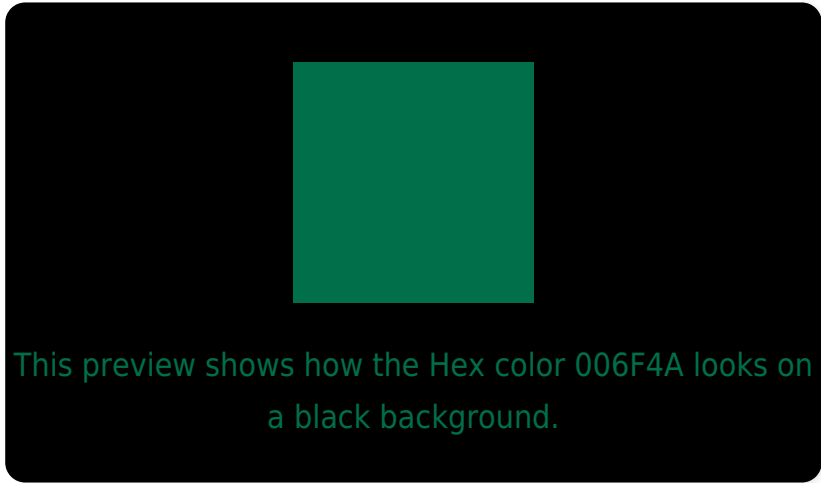
Large Text (above 18pt) WCAG AA ✓ Pass

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

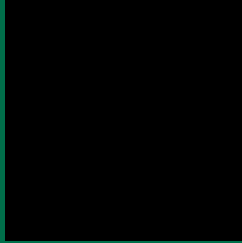
Any Text WCAG AA × Fail

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 006F4A Background



This preview shows how black text looks on a background with the Hex color 006F4A.



This preview shows how white text looks on a background with the Hex color 006F4A.

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
006F4A

Protanopia
686044

Deuteranopia
705D4E



Tritanopia
266A73

Trichromacy



Original Color
006F4A



Protanomaly
426546



Deuteranomaly
47644D



Tritanomaly
186C64

Monochromacy



Original Color
006F4A



Achromatopsia
4A4A4A



Achromatomaly
2F574A

CSS Examples

Text

The CSS property to change the color of the text to Hex 006F4A 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 #006F4A looks like.

```
.text, #text, p{  
    color:#006F4A  
}
```

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 #006F4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006F4A
}
```

Border

The CSS property to change the border of an element to Hex 006F4A 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
#006F4A }
```

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

```
.border{ border-color:#006F4A }
```

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

Here you see how a box with a 4 pixel #006F4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006F4A; -webkit-box-shadow:4px 4px  
4px 4px #006F4A; box-shadow:4px 4px 4px  
4px #006F4A }
```

Background

The CSS property to change the background color of an element to Hex 006F4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006F4A }
```

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

```
.background{ background-color:#006F4A }
```

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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