

Converting Colors

Hex(006F42)

Have a look what the booklet for
Hex(006F42) contains.

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Color

Hex(006F42)

Conversions

Conversions Part 1

Format	Color
Hex	006F42
RGB	0, 111, 66
RGB Percent	0%, 44%, 26%
CMY	1.0000, 0.5647, 0.7412
CMYK	1.00, 0.00, 0.41, 0.56
HSL	156°, 100%, 22%
HSV	156°, 100%, 44%
XYZ	6.6678, 11.7622, 7.0732
YIQ	72.6810, -51.7110, -37.5270

Conversions

Conversions Part 2

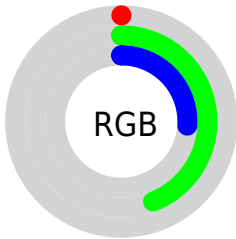
Format	Color
RYB	0, 70, 111
Decimal	28482
CIELab	40.84, -38.77, 17.59
CIELCh	41, 42.573, 155.590
Yxy	11.7622, 0.2614, 0.4612
Android (android.graphics.Color)	4278218562 (0xFF006F42)
YUV	72.6810, -3.2937, -63.7412
Hunter-Lab	34.2961, -25.3144, 11.7794

Details

The Hex color **006F42** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F002D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **49A472**, and **003E16** is the 20% darker color. If you saturate the color by 10%, you get **006F42**, and if you desaturate by 10%, it is **0B6F47**.

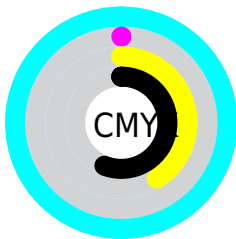
Distribution



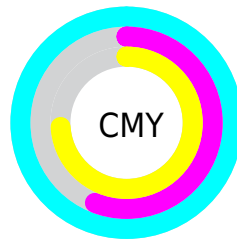
- Red (0%)
- Green (44%)
- Blue (26%)



- Red (0%)
- Yellow (27%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (56%)




- Cyan (100%)
- Magenta (56%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006F42 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 006F42 by changing the saturation by 10% instead.

 006F42

 006F42


FFFFFF

 00562B

 49A472

 003E16

 65BF8C

 002800

 80DBA6

 000600

 9CF8C2

 000000

 B9FFDE


 D5FFFA

 F3FFFF

 006F42

 0B6F47

 166F4B

 216F50

 2C6F54

 386F59

 436F5D

 4E6F62

 596F66

 646F6B

Harmonies

Analogous

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



486A23



006F42



007166

Triad

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



006F42



1D62A6



9C463A

Complementary

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



006F42



6F002D

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.



9F405B



006F42



6A5499

Square

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



006F42



006B9F



90467E



89541F

Rectangle

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



006F42



00717D



90467E



9F4344

Sweetspot

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



006F42



669180



2E6F00



2F4A3F



C9C9C9



4A4A4A

Same Dimension

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



006F42



009156



00666F



323836



007847



00F793

Inverse Universe

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



6F002D



91003B



6F0900



383235



780031



F70064

Previews

White Background



This preview shows how the Hex color 006F42 looks on a white background.

Color Contrast Check

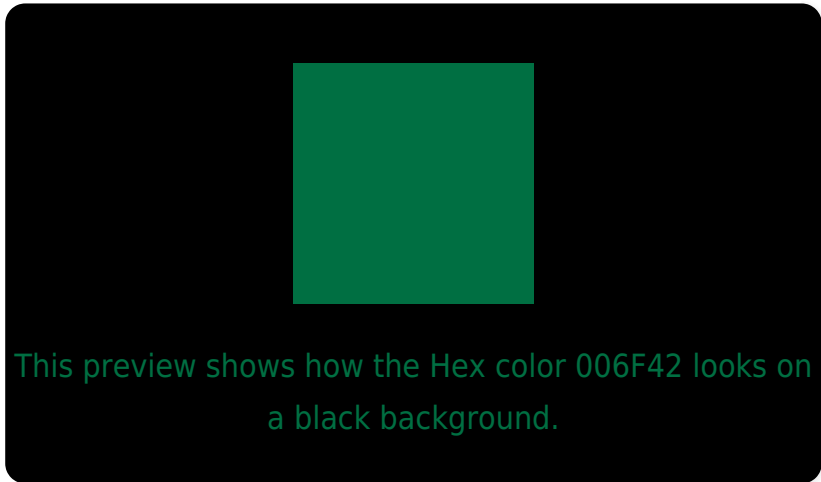
Large Text (above 18pt) WCAG AA ✓ Pass

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 006F42 Background



This preview shows how black text looks on a background with the Hex color 006F42.



This preview shows how white text looks on a background with the Hex color 006F42.

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
006F42

Protanopia
69603C

Deuteranopia
725C46



Tritanopia
286972

Trichromacy



Original Color
006F42



Protanomaly
43653E



Deuteranomaly
496345



Tritanomaly
196B61

Monochromacy



Original Color
006F42



Achromatopsia
494949



Achromatomaly
2E5746

CSS Examples

Text

The CSS property to change the color of the text to Hex 006F42 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 #006F42 looks like.

```
.text, #text, p{  
    color:#006F42  
}
```

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 #006F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006F42
}
```

Border

The CSS property to change the border of an element to Hex 006F42 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
#006F42 }
```

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

```
.border{ border-color:#006F42 }
```

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

Here you see how a box with a 4 pixel #006F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006F42; -webkit-box-shadow:4px 4px  
4px 4px #006F42; box-shadow:4px 4px 4px  
4px #006F42 }
```

Background

The CSS property to change the background color of an element to Hex 006F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006F42 }
```

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

```
.background{ background-color:#006F42 }
```

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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