

Converting Colors

Hex(006F5C)

Have a look what the booklet for
Hex(006F5C) contains.

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Color

Hex(006F5C)

Conversions

Conversions Part 1

Format	Color
Hex	006F5C
RGB	0, 111, 92
RGB Percent	0%, 44%, 36%
CMY	1.0000, 0.5647, 0.6392
CMYK	1.00, 0.00, 0.17, 0.56
HSL	170°, 100%, 22%
HSV	170°, 100%, 44%
XYZ	7.6162, 12.1416, 12.0674
YIQ	75.6450, -60.0570, -29.4410

Conversions

Conversions Part 2

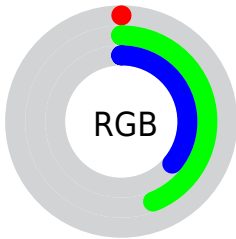
Format	Color
RYB	0, 61, 111
Decimal	28508
CIELab	41.44, -32.03, 2.97
CIELCh	41, 32.164, 174.708
Yxy	12.1416, 0.2393, 0.3815
Android (android.graphics.Color)	4278218588 (0xFF006F5C)
YUV	75.6450, 8.0630, -66.3407
Hunter-Lab	34.8448, -21.9627, 3.8582

Details

The Hex color **006F5C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F0013**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4AA38E**, and **003E2E** is the 20% darker color. If you saturate the color by 10%, you get **006F5C**, and if you desaturate by 10%, it is **0B6F5E**.

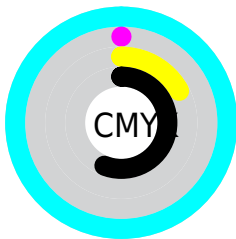
Distribution



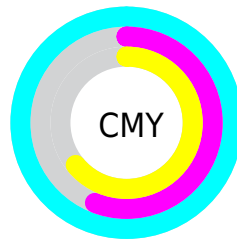
- Red (0%)
- Green (44%)
- Blue (36%)



- Red (0%)
- Yellow (24%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006F5C 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 006F5C by changing the saturation by 10% instead.



006F5C



006F5C

FFFFFF



005645



4AA38E



003E2E



66BFA9



00281A



82DBC4



000A00



9EF8E0



000000



BAFFFC



D7FFFF




F5FFFF



006F5C

 0B6F5E

 166F60

 216F62

 2C6F64

 386F66

 436F67

 4E6F69

 596F6B

 646F6D

Harmonies

Analogous

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



3C6C42



006F5C



006F77

Triad

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



006F5C



5D5D92



895537

Complementary

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



006F5C



6F0013

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.



934D4D



006F5C



7E5381

Square

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



006F5C



286696



904C68



765F2C

Rectangle

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



006F5C



006D86



904C68



8E523E

Sweetspot

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



006F5C



66918A



146F00



2F4A45



C9C9C9



4A4A4A

Same Dimension

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



006F5C



009178



004C6F



323837



007863



00F7CD

Inverse Universe

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



6F0013



910019



6F2300



383233



780015



F7002A

Previews

White Background



This preview shows how the Hex color 006F5C looks on a white background.

Color Contrast Check

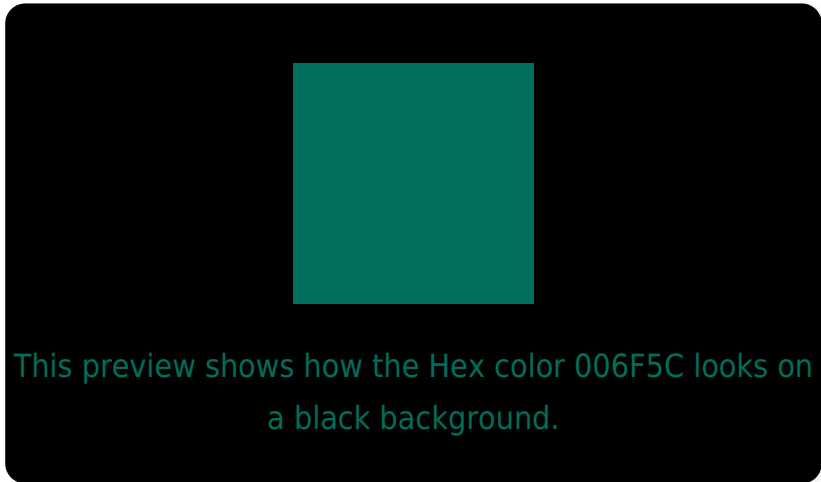
Large Text (above 18pt) WCAG AA ✓ Pass

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

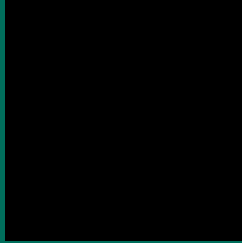
Any Text WCAG AA × Fail

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 006F5C Background



This preview shows how black text looks on a background with the Hex color 006F5C.



This preview shows how white text looks on a background with the Hex color 006F5C.

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](#).

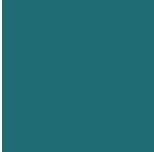
Dichromacy



Original Color
006F5C

Protanopia
666155

Deuteranopia
6C5E60



Tritanopia
206C74

Trichromacy



Original Color
006F5C

Protanomaly
416658

Deuteranomaly
45645F

Tritanomaly
146D6B

Monochromacy



Original Color
006F5C

Achromatopsia
4C4C4C

Achromatomaly
305952

CSS Examples

Text

The CSS property to change the color of the text to Hex 006F5C 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 #006F5C looks like.

```
.text, #text, p{  
    color:#006F5C  
}
```

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 #006F5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006F5C
}
```

Border

The CSS property to change the border of an element to Hex 006F5C 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
#006F5C }
```

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

```
.border{ border-color:#006F5C }
```

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

Here you see how a box with a 4 pixel #006F5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006F5C; -webkit-box-shadow:4px 4px  
4px 4px #006F5C; box-shadow:4px 4px 4px  
4px #006F5C }
```

Background

The CSS property to change the background color of an element to Hex 006F5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006F5C }
```

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

```
.background{ background-color:#006F5C }
```

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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