

# Converting Colors

Hex(006D5C)

Have a look what the booklet for  
Hex(006D5C) contains.

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# Color

Hex(006D5C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006D5C
RGB	0, 109, 92
RGB Percent	0%, 43%, 36%
CMY	1.0000, 0.5725, 0.6392
CMYK	1.00, 0.00, 0.16, 0.57
HSL	171°, 100%, 21%
HSV	171°, 100%, 43%
XYZ	7.4004, 11.7100, 11.9954
YIQ	74.4710, -59.5070, -28.3950

# Conversions

## Conversions Part 2

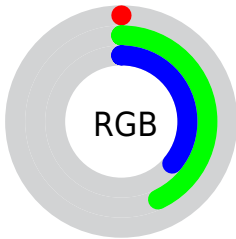
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 59, 109
Decimal	27996
CIELab	40.75, -31.11, 1.97
CIELCh	41, 31.175, 176.377
Yxy	11.7100, 0.2379, 0.3765
Android (android.graphics.Color)	4278218076 (0xFF006D5C)
YUV	74.4710, 8.6418, -65.3111
Hunter-Lab	34.2199, -21.2822, 3.1704

# Details

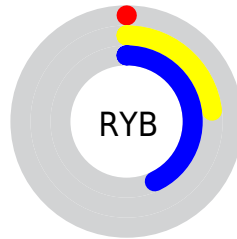
The Hex color **006D5C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6D0011**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4AA18E**, and **003C2E** is the 20% darker color. If you saturate the color by 10%, you get **006D5C**, and if you desaturate by 10%, it is **0B6D5E**.

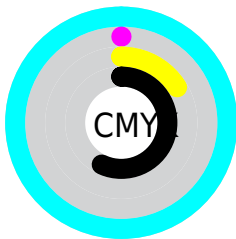
# Distribution



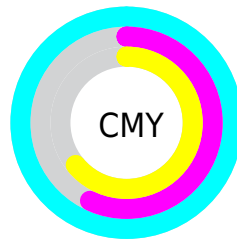
- Red (0%)
- Green (43%)
- Blue (36%)



- Red (0%)
- Yellow (23%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (64%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006D5C 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 006D5C by changing the saturation by 10% instead.



 006D5C

 006D5C

FFFFFF

 005445

 4AA18E

 003C2E

 66BDA9

 00271A

 81D8C4

 000500

 9DF5E0

 000000

 BAFFFC

 D6FFFF

 F4FFFF

 006D5C

■ 0B6D5E

■ 166D5F

■ 216D61

■ 2C6D63

■ 376D65

■ 416D66

■ 4C6D68

■ 576D6A

■ 626D6B

# Harmonies

## Analogous

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



3A6B43



006D5C



006D76

# Triad

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



006D5C



5D5B8E



865436

# Complementary

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



006D5C



6D0011

# 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.



904D4B



006D5C



7D517D

# Square

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



006D5C



2D6493



8E4B64



725E2C

# Rectangle

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



006D5C



006B84



8E4B64



8A513C



# Sweetspot

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



006D5C



648F88



126D00



2E4743



C7C7C7



474747



# Same Dimension

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



006D5C



008F79



00496D



303635



007563



00F5CF



# Inverse Universe

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



6D0011



8F0016



6D2400



363031



750012



F50026



# Previews

## White Background



This preview shows how the Hex color 006D5C looks on a white background.

## Color Contrast Check

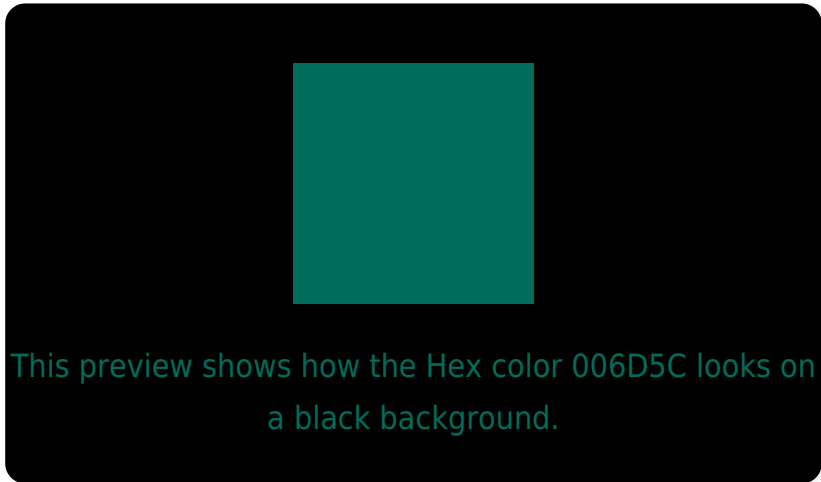
Large Text (above 18pt) WCAG AA ✓ Pass

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

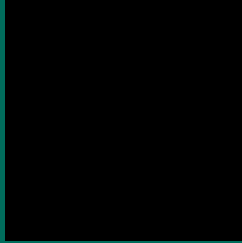
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 006D5C Background



This preview shows how black text looks on a background with the Hex color 006D5C.



This preview shows how white text looks on a background with the Hex color 006D5C.

# 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**  
006D5C

**Protanopia**  
646055

**Deuteranopia**  
695D60



**Tritanopia**  
1F6A72

# Trichromacy



**Original Color**  
006D5C

**Protanomaly**  
406558

**Deuteranomaly**  
43635F

**Tritanomaly**  
146B6A

# Monochromacy



**Original Color**  
006D5C

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
2F5751

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006D5C 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 #006D5C looks like.

```
.text, #text, p{  
    color:#006D5C  
}
```

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 #006D5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006D5C
}
```

## Border

The CSS property to change the border of an element to Hex 006D5C 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
#006D5C }
```

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

```
.border{ border-color:#006D5C }
```

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

Here you see how a box with a 4 pixel #006D5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006D5C; -webkit-box-shadow:4px 4px  
4px 4px #006D5C; box-shadow:4px 4px 4px  
4px #006D5C }
```

# Background

The CSS property to change the background color of an element to Hex 006D5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006D5C }
```

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

```
.background{ background-color:#006D5C }
```

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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