

Converting Colors

Hex(006D60)

Have a look what the booklet for
Hex(006D60) contains.

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Color

Hex(006D60)

Conversions

Conversions Part 1

Format	Color
Hex	006D60
RGB	0, 109, 96
RGB Percent	0%, 43%, 38%
CMY	1.0000, 0.5725, 0.6235
CMYK	1.00, 0.00, 0.12, 0.57
HSL	173°, 100%, 21%
HSV	173°, 100%, 43%
XYZ	7.5800, 11.7818, 12.9409
YIQ	74.9270, -60.7910, -27.1510

Conversions

Conversions Part 2

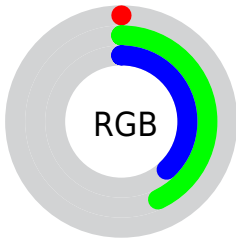
Format	Color
RYB	0, 58, 109
Decimal	28000
CIELab	40.87, -29.90, -0.29
CIELCh	41, 29.900, 180.548
Yxy	11.7818, 0.2347, 0.3647
Android (android.graphics.Color)	4278218080 (0xFF006D60)
YUV	74.9270, 10.3890, -65.7110
Hunter-Lab	34.3246, -20.6497, 1.6740

Details

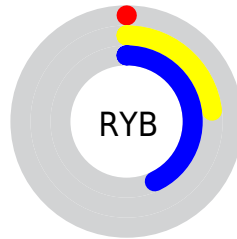
The Hex color **006D60** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6D000D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4AA192**, and **003C32** is the 20% darker color. If you saturate the color by 10%, you get **006D60**, and if you desaturate by 10%, it is **0B6D61**.

Distribution



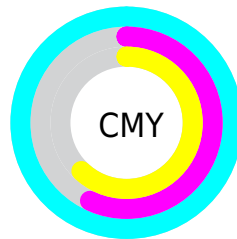
- Red (0%)
- Green (43%)
- Blue (38%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006D60 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 006D60 by changing the saturation by 10% instead.

 006D60

 006D60

FFFFFF

 005448

 4AA192

 003C32

 66BCAD

 00271D

 82D8C8

 000604

 9EF5E4

 000000

 BAF5FF

 D7FFFF

 F4FFFF

 006D60

■ 0B6D61

■ 166D63

■ 216D64

■ 2C6D65

■ 376D67

■ 416D68

■ 4C6D69

■ 576D6A

■ 626D6C

Harmonies

Analogous

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



376B47



006D60



006C78

Triad

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



006D60



635A8B



835636

Complementary

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



006D60



6D000D

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.



8E4F49



006D60



7F5179

Square

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



006D60



396391



8D4C61



6F5F2E

Rectangle

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



006D60



006B86



8D4C61



88543B

Sweetspot

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



006D60



648F8A



0F6D00



2E4744



C7C7C7



474747

Same Dimension

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



006D60



008F7E



00456D



303635



007567



00F5D8

Inverse Universe

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



6D000D



8F0011



6D2800



363031



75000E



F5001D

Previews

White Background



This preview shows how the Hex color 006D60 looks on a white background.

Color Contrast Check

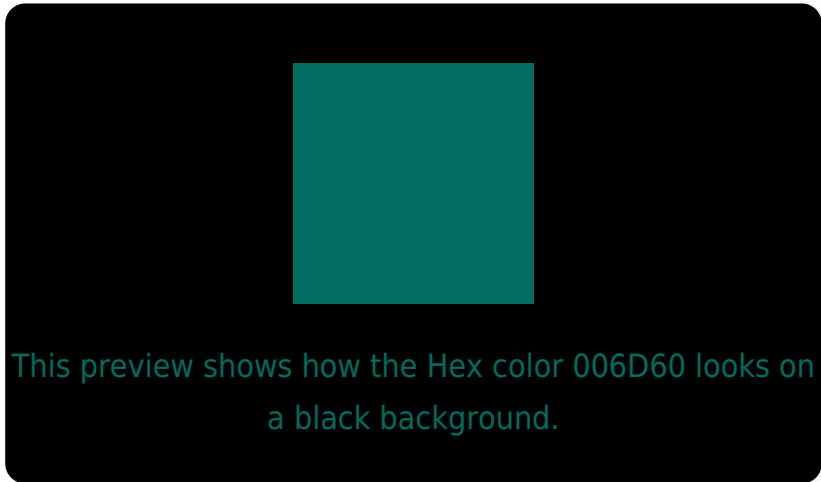
Large Text (above 18pt) WCAG AA ✓ Pass

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

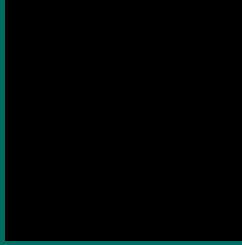
Any Text WCAG AA × Fail

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 006D60 Background



This preview shows how black text looks on a background with the Hex color 006D60.

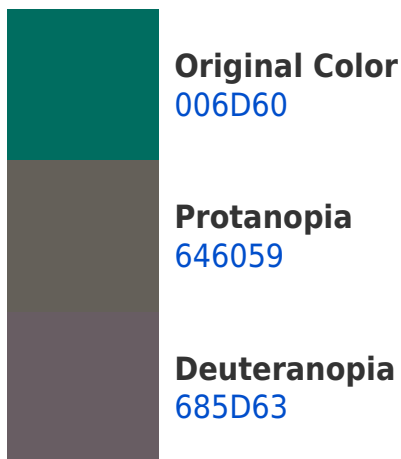


This preview shows how white text looks on a background with the Hex color 006D60.

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





Tritanopia
1D6A73

Trichromacy



Original Color
006D60

Protanomaly
40655C

Deuteranomaly
426362

Tritanomaly
126B6C

Monochromacy



Original Color
006D60

Achromatopsia
4B4B4B

Achromatomaly
305753

CSS Examples

Text

The CSS property to change the color of the text to Hex 006D60 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 #006D60 looks like.

```
.text, #text, p{  
    color:#006D60  
}
```

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 #006D60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006D60
}
```

Border

The CSS property to change the border of an element to Hex 006D60 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
#006D60 }
```

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

```
.border{ border-color:#006D60 }
```

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

Here you see how a box with a 4 pixel #006D60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006D60; -webkit-box-shadow:4px 4px  
4px 4px #006D60; box-shadow:4px 4px 4px  
4px #006D60 }
```

Background

The CSS property to change the background color of an element to Hex 006D60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006D60 }
```

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

```
.background{ background-color:#006D60 }
```

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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