

Converting Colors

Hex(006E66)

Have a look what the booklet for
Hex(006E66) contains.

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Color

Hex(006E66)

Conversions

Conversions Part 1

Format	Color
Hex	006E66
RGB	0, 110, 102
RGB Percent	0%, 43%, 40%
CMY	1.0000, 0.5686, 0.6000
CMYK	1.00, 0.00, 0.07, 0.57
HSL	176°, 100%, 22%
HSV	176°, 100%, 43%
XYZ	7.9742, 12.1112, 14.4878
YIQ	76.1980, -62.9920, -25.8080

Conversions

Conversions Part 2

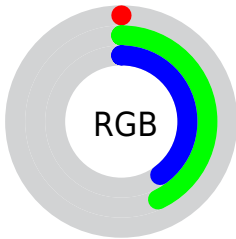
Format	Color
RYB	0, 57, 110
Decimal	28262
CIELab	41.39, -28.49, -3.15
CIELCh	41, 28.667, 186.313
Yxy	12.1112, 0.2306, 0.3503
Android (android.graphics.Color)	4278218342 (0xFF006E66)
YUV	76.1980, 12.7204, -66.8256
Hunter-Lab	34.8011, -20.0011, -0.3218

Details

The Hex color **006E66** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6E0008**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4BA299**, and **003D37** is the 20% darker color. If you saturate the color by 10%, you get **006E66**, and if you desaturate by 10%, it is **0B6E67**.

Distribution



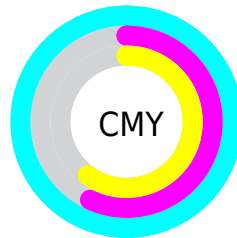
- Red (0%)
- Green (43%)
- Blue (40%)



- Red (0%)
- Yellow (22%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006E66 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 006E66 by changing the saturation by 10% instead.

 006E66

 006E66

FFFFFF

 00554E

 4BA299

 003D37

 67BDB4

 002722

 83D9CF

 000A0C

 9FF6EB

 000000

 BCFFFF

 D9FFFF

 F6FFFF

 006E66

■ 0B6E67

■ 166E68

■ 216E68

■ 2C6E69

■ 376E6A

■ 426E6B

■ 4D6E6C

■ 586E6C

■ 636E6D

Harmonies

Analogous

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



346C4E



006E66



006D7D

Triad

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



006E66



6B5A88



805A37

Complementary

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



006E66



6E0008

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.



8C5247



006E66



835275

Square

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



006E66



466290



8E4F5D



6C6232

Rectangle

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



006E66



006B88



8E4F5D



85573B

Sweetspot

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



006E66



648F8C



096E00



2E4746



C7C7C7



474747

Same Dimension

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



006E66



008F84



00406E



323838



00786F



00F7E5

Inverse Universe

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



6E0008



8F000A



6E2E00



383233



780009



F70012

Previews

White Background



This preview shows how the Hex color 006E66 looks on a white background.

Color Contrast Check

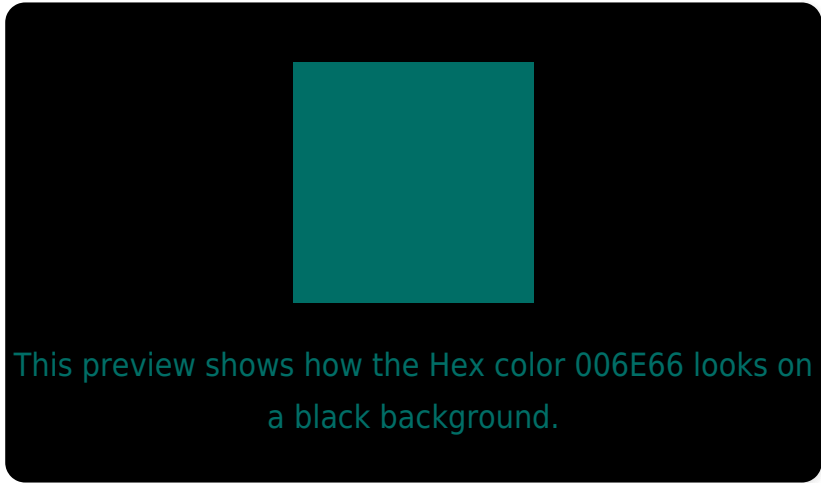
Large Text (above 18pt) WCAG AA ✓ Pass

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

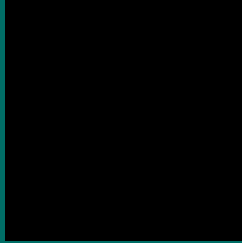
Any Text WCAG AA × Fail

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 006E66 Background



This preview shows how black text looks on a background with the Hex color 006E66.



This preview shows how white text looks on a background with the Hex color 006E66.

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
006E66

Protanopia
64615F

Deuteranopia
675F69



Tritanopia
1A6C75

Trichromacy



Original Color
006E66

Protanomaly
406662

Deuteranomaly
426468

Tritanomaly
116D70

Monochromacy



Original Color
006E66

Achromatopsia
4C4C4C

Achromatomaly
305855

CSS Examples

Text

The CSS property to change the color of the text to Hex 006E66 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 #006E66 looks like.

```
.text, #text, p{  
    color:#006E66  
}
```

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 #006E66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006E66  
}
```

Border

The CSS property to change the border of an element to Hex 006E66 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  
#006E66 }
```

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

```
.border{ border-color:#006E66 }
```

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

Here you see how a box with a 4 pixel #006E66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006E66; -webkit-box-shadow:4px 4px  
4px 4px #006E66; box-shadow:4px 4px 4px  
4px #006E66 }
```

Background

The CSS property to change the background color of an element to Hex 006E66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006E66 }
```

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

```
.background{ background-color:#006E66 }
```

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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