

Converting Colors

Hex(006E64)

Have a look what the booklet for
Hex(006E64) contains.

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Color

Hex(006E64)

Conversions

Conversions Part 1

Format	Color
Hex	006E64
RGB	0, 110, 100
RGB Percent	0%, 43%, 39%
CMY	1.0000, 0.5686, 0.6078
CMYK	1.00, 0.00, 0.09, 0.57
HSL	175°, 100%, 22%
HSV	175°, 100%, 43%
XYZ	7.8762, 12.0720, 13.9716
YIQ	75.9700, -62.3500, -26.4300

Conversions

Conversions Part 2

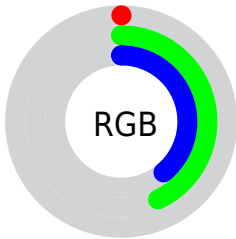
Format	Color
RYB	0, 58, 110
Decimal	28260
CIELab	41.33, -29.13, -2.03
CIELCh	41, 29.198, 183.990
Yxy	12.0720, 0.2322, 0.3559
Android (android.graphics.Color)	4278218340 (0xFF006E64)
YUV	75.9700, 11.8468, -66.6257
Hunter-Lab	34.7447, -20.3396, 0.4795

Details

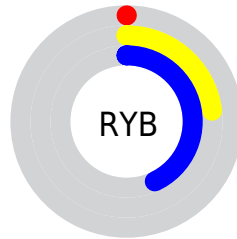
The Hex color **006E64** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6E000A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4BA297**, and **003D36** is the 20% darker color. If you saturate the color by 10%, you get **006E64**, and if you desaturate by 10%, it is **0B6E65**.

Distribution



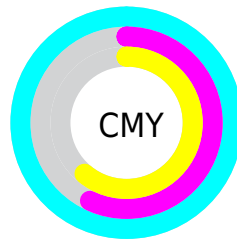
- Red (0%)
- Green (43%)
- Blue (39%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006E64 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 006E64 by changing the saturation by 10% instead.

 006E64

 006E64

FFFFFF

 00554C

 4BA297

 003D36

 67BDB1

 002720

 83D9CD

 000A0A

 9FF6E9

 000000

 BBFFFF

 D8FFFF

 F6FFFF

 006E64

■ 0B6E65

■ 166E66

■ 216E67

■ 2C6E68

■ 376E69

■ 426E6A

■ 4D6E6B

■ 586E6C

■ 636E6D

Harmonies

Analogous

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



366C4C



006E64



006D7C

Triad

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



006E64



685A89



815937

Complementary

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



006E64



6E000A

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.



8E5148



006E64



825277

Square

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



006E64



416391



8E4E5F



6D6131

Rectangle

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



006E64



006B88



8E4E5F



87563B

Sweetspot

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



006E64



648F8B



0B6E00



2E4745



C7C7C7



474747

Same Dimension

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



006E64



008F82



00426E



323838



00786D



00F7E1

Inverse Universe

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



6E000A



8F000D



6E2C00



383233



78000B



F70016

Previews

White Background



This preview shows how the Hex color 006E64 looks on a white background.

Color Contrast Check

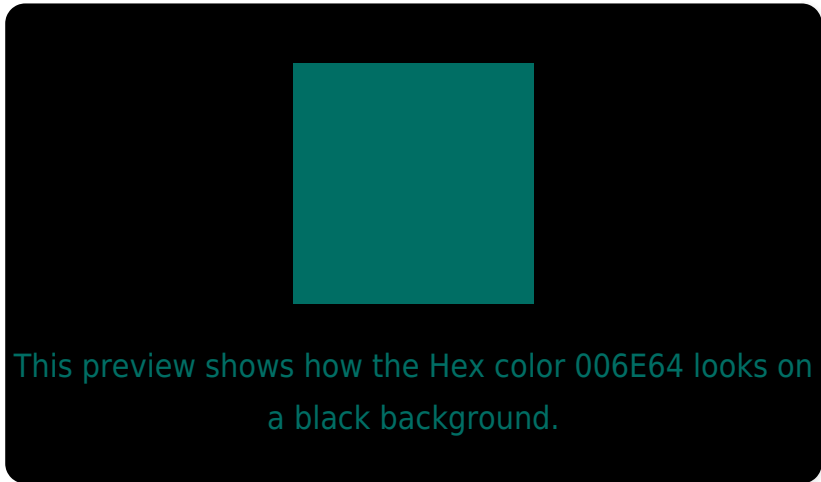
Large Text (above 18pt) WCAG AA ✓ Pass

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

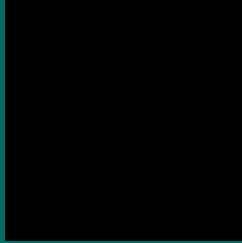
Any Text WCAG AA × Fail

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 006E64 Background



This preview shows how black text looks on a background with the Hex color 006E64.



This preview shows how white text looks on a background with the Hex color 006E64.

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
006E64

Protanopia
64615D

Deuteranopia
685E67

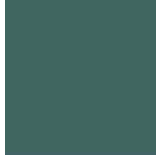


Tritanopia
1B6C74

Trichromacy



Original Color
006E64



Protanomaly
406660



Deuteranomaly
426466



Tritanomaly
116D6E

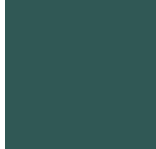
Monochromacy



Original Color
006E64



Achromatopsia
4C4C4C



Achromatomaly
305855

CSS Examples

Text

The CSS property to change the color of the text to Hex 006E64 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 #006E64 looks like.

```
.text, #text, p{  
    color:#006E64  
}
```

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 #006E64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006E64
}
```

Border

The CSS property to change the border of an element to Hex 006E64 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
#006E64 }
```

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

```
.border{ border-color:#006E64 }
```

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

Here you see how a box with a 4 pixel #006E64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006E64; -webkit-box-shadow:4px 4px  
4px 4px #006E64; box-shadow:4px 4px 4px  
4px #006E64 }
```

Background

The CSS property to change the background color of an element to Hex 006E64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006E64 }
```

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

```
.background{ background-color:#006E64 }
```

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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