

# Converting Colors

Hex(006764)

Have a look what the booklet for  
Hex(006764) contains.

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# Color

**Hex(006764)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006764
RGB	0, 103, 100
RGB Percent	0%, 40%, 39%
CMY	1.0000, 0.5961, 0.6078
CMYK	1.00, 0.00, 0.03, 0.60
HSL	178°, 100%, 20%
HSV	178°, 100%, 40%
XYZ	7.1505, 10.6206, 13.7297
YIQ	71.8610, -60.4250, -22.7690

# Conversions

## Conversions Part 2

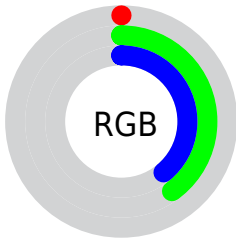
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 52, 103
Decimal	26468
CIELab	38.93, -25.71, -5.58
CIELCh	39, 26.308, 192.240
Yxy	10.6206, 0.2270, 0.3372
Android (android.graphics.Color)	4278216548 (0xFF006764)
YUV	71.8610, 13.8725, -63.0221
Hunter-Lab	32.5893, -17.8660, -2.1661

# Details

The Hex color **006764** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **670003**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **499B97**, and **003736** is the 20% darker color. If you saturate the color by 10%, you get **006764**, and if you desaturate by 10%, it is **0A6764**.

# Distribution



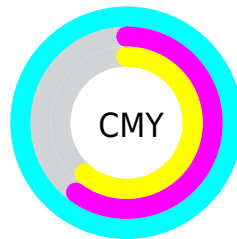
- Red (0%)
- Green (40%)
- Blue (39%)



- Red (0%)
- Yellow (20%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006764 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 006764 by changing the saturation by 10% instead.



 006764

 006764

FFFFFF

 004F4C

 499B97

 003736

 65B6B1

 002220

 81D1CD

 000009

 9CEEE9

 000000

 B9FFFF

 D6FFFF

 F3FFFF

 006764

■ 0A6764

■ 156765

■ 1F6765

■ 296765

■ 346766

■ 3E6766

■ 486766

■ 526766

■ 5D6767

# Harmonies

## Analogous

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



2D664E



006764



006678

# Triad

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



006764



69537B



745633

# Complementary

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



006764



670003

# 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.



814F40



006764



7D4C69

# Square

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



006764



4A5B85



854B54



615D31

# Rectangle

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



006764



0D6381



854B54



795336



# Sweetspot

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



006764



5F8786



036700



2C4544



C4C4C4



454545



# Same Dimension

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



006764



008783



003767



2E3333



00736F



00F2EB



# Inverse Universe

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



670003



870004



673000



332E2E



730003



F20007



# Previews

## White Background



This preview shows how the Hex color 006764 looks on a white background.

## Color Contrast Check

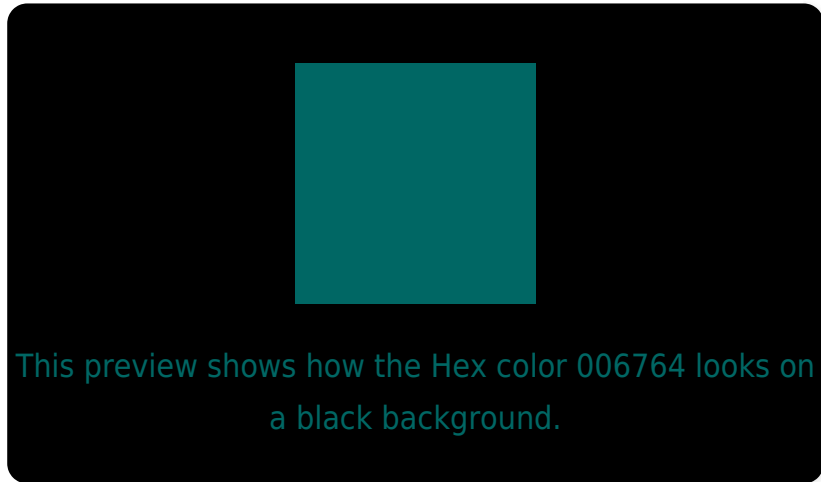
Large Text (above 18pt) WCAG AA ✓ Pass

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

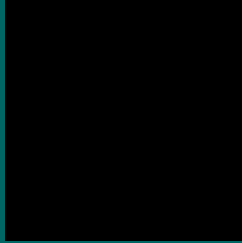
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 006764 Background



This preview shows how black text looks on a background with the Hex color 006764.



This preview shows how white text looks on a background with the Hex color 006764.

# 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**  
006764

**Protanopia**  
5D5B5D

**Deuteranopia**  
5F5967



**Tritanopia**  
15666E

# Trichromacy



**Original Color**  
006764

**Protanomaly**  
3B5F60

**Deuteranomaly**  
3C5E66

**Tritanomaly**  
0D666A

# Monochromacy



**Original Color**  
006764

**Achromatopsia**  
484848

**Achromatomaly**  
2E5352

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006764 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 #006764 looks like.

```
.text, #text, p{  
    color:#006764  
}
```

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 #006764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006764
}
```

## Border

The CSS property to change the border of an element to Hex 006764 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
#006764 }
```

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

```
.border{ border-color:#006764 }
```

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

Here you see how a box with a 4 pixel #006764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006764; -webkit-box-shadow:4px 4px  
4px 4px #006764; box-shadow:4px 4px 4px  
4px #006764 }
```

# Background

The CSS property to change the background color of an element to Hex 006764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006764 }
```

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

```
.background{ background-color:#006764 }
```

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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