

Converting Colors

Hex(006670)

Have a look what the booklet for
Hex(006670) contains.

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Color

Hex(006670)

Conversions

Conversions Part 1

Format	Color
Hex	006670
RGB	0, 102, 112
RGB Percent	0%, 40%, 44%
CMY	1.0000, 0.6000, 0.5608
CMYK	1.00, 0.09, 0.00, 0.56
HSL	185°, 100%, 22%
HSV	185°, 100%, 44%
XYZ	7.6760, 10.6726, 16.9847
YIQ	72.6420, -64.0020, -18.5140

Conversions

Conversions Part 2

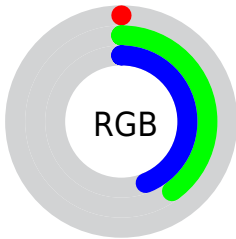
Format	Color
RYB	0, 53, 112
Decimal	26224
CIELab	39.02, -21.05, -12.79
CIELCh	39, 24.630, 211.295
Yxy	10.6726, 0.2172, 0.3021
Android (android.graphics.Color)	4278216304 (0xFF006670)
YUV	72.6420, 19.4035, -63.7070
Hunter-Lab	32.6689, -15.2297, -7.9568

Details

The Hex color **006670** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **700A00**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4B99A4**, and **003740** is the 20% darker color. If you saturate the color by 10%, you get **006670**, and if you desaturate by 10%, it is **0B6770**.

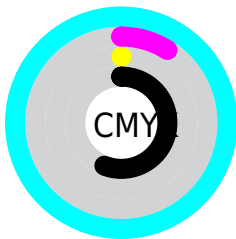
Distribution



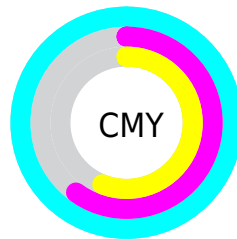
- Red (0%)
- Green (40%)
- Blue (44%)



- Red (0%)
- Yellow (21%)
- Blue (44%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006670 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 006670 by changing the saturation by 10% instead.

 006670

 006670

FFFFFF

 004E58

 4B99A4

 003740

 67B4BF

 00212A

 83D0DB

 000116

 9FECF7

 000000

 BBFFFF

 D8FFFF

 F6FFFF

 006670

■ 0B6770

■ 166870

■ 226970

■ 2D6A70

■ 386B70

■ 436C70

■ 4E6D70

■ 5A6E70

■ 656F70

Harmonies

Analogous

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



1F675C



006670



1B637E

Triad

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



006670



76506F



685B33

Complementary

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



006670



700A00

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.



795439



006670



814C5C

Square

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



006670



5F567E



824E48



536139

Rectangle

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



006670



346083



824E48



6E5934

Sweetspot

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



006670



668D91



007009



2F484A



C9C9C9



4A4A4A

Same Dimension

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



006670



008491



002F70



323838



006D78



00E1F7

Inverse Universe

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



700066



910084



704100



383238



78006D



F700E1

Previews

White Background



This preview shows how the Hex color 006670 looks on a white background.

Color Contrast Check

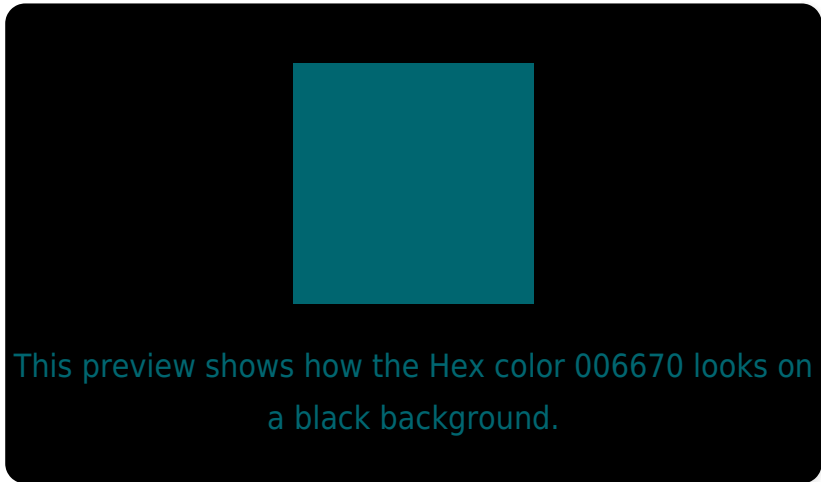
Large Text (above 18pt) WCAG AA ✓ Pass

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

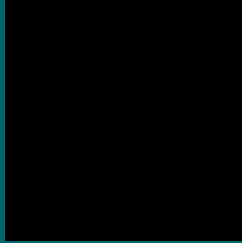
Any Text WCAG AA × Fail

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 006670 Background



This preview shows how black text looks on a background with the Hex color 006670.

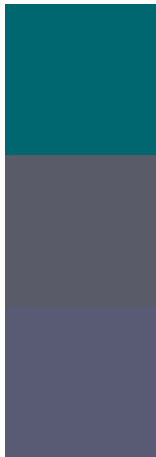


This preview shows how white text looks on a background with the Hex color 006670.

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
006670

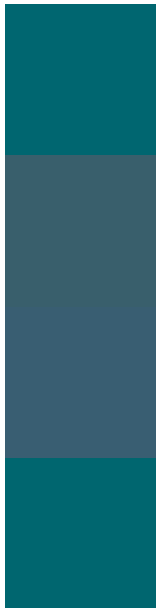
Protanopia
5A5B69

Deuteranopia
595A73



Tritanopia
00666E

Trichromacy



Original Color
006670

Protanomaly
395F6C

Deuteranomaly
395E72

Tritanomaly
00666F

Monochromacy



Original Color
006670

Achromatopsia
494949

Achromatomaly
2E5457

CSS Examples

Text

The CSS property to change the color of the text to Hex 006670 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 #006670 looks like.

```
.text, #text, p{  
    color:#006670  
}
```

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 #006670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006670
}
```

Border

The CSS property to change the border of an element to Hex 006670 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
#006670 }
```

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

```
.border{ border-color:#006670 }
```

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

Here you see how a box with a 4 pixel #006670 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006670; -webkit-box-shadow:4px 4px  
4px 4px #006670; box-shadow:4px 4px 4px  
4px #006670 }
```

Background

The CSS property to change the background color of an element to Hex 006670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006670 }
```

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

```
.background{ background-color:#006670 }
```

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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