

Converting Colors

Hex(006774)

Have a look what the booklet for
Hex(006774) contains.

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Color

Hex(006774)

Conversions

Conversions Part 1

Format	Color
Hex	006774
RGB	0, 103, 116
RGB Percent	0%, 40%, 45%
CMY	1.0000, 0.5961, 0.5451
CMYK	1.00, 0.11, 0.00, 0.55
HSL	187°, 100%, 23%
HSV	187°, 100%, 45%
XYZ	8.0026, 10.9614, 18.2170
YIQ	73.6850, -65.5610, -17.7930

Conversions

Conversions Part 2

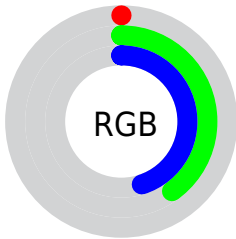
Format	Color
RYB	0, 55, 116
Decimal	26484
CIELab	39.52, -20.14, -14.49
CIELCh	40, 24.814, 215.726
Yxy	10.9614, 0.2152, 0.2948
Android (android.graphics.Color)	4278216564 (0xFF006774)
YUV	73.6850, 20.8613, -64.6217
Hunter-Lab	33.1081, -14.7935, -9.4473

Details

The Hex color **006774** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **740D00**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4C9AA8**, and **003844** is the 20% darker color. If you saturate the color by 10%, you get **006774**, and if you desaturate by 10%, it is **0C6874**.

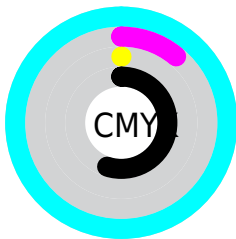
Distribution



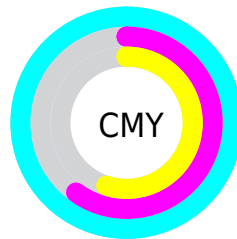
- Red (0%)
- Green (40%)
- Blue (45%)



- Red (0%)
- Yellow (22%)
- Blue (45%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006774 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 006774 by changing the saturation by 10% instead.

006774

006774

FFFFFF

004F5B

4C9AA8

003844

68B5C3

00222E

84D1DF

00011A

A0EDFC

000000

BDFFFF

DAFFFF

F7FFFF

006774

 0C6874


 176A74

 236B74

 2E6C74

 3A6E74

 466F74

 517074

 5D7174

 687374

Harmonies

Analogous

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



1B6860



006774



216481

Triad

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



006774



7A506E



675D34

Complementary

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



006774



740D00

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.



785639



006774



844D5A

Square

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



006774



64567E



835047



51633C

Rectangle

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



006774



3A6085



835047



6D5B35

Sweetspot

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



006774



699196



00740C



31494D



CCCCCC



4D4D4D

Same Dimension

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



006774



008696



002E74



353A3B



006D7A



00DEFA

Inverse Universe

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



740067



960086



744600



3B353A



7A006D



FA00DE

Previews

White Background



This preview shows how the Hex color 006774 looks on a white background.

Color Contrast Check

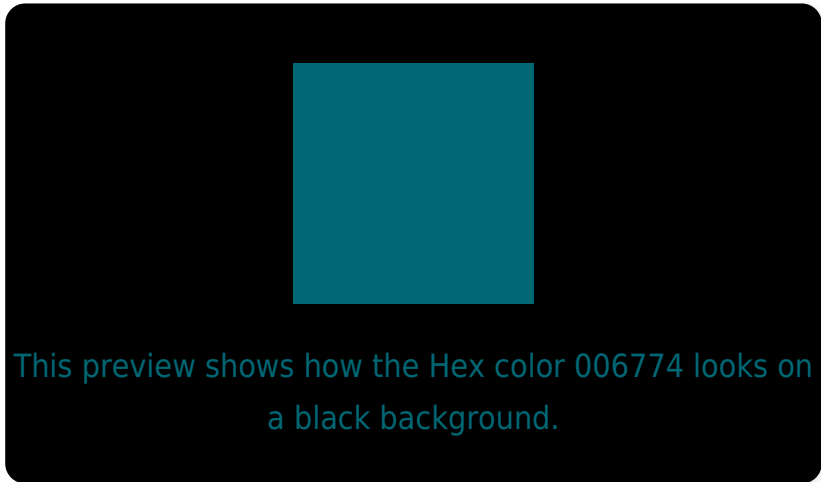
Large Text (above 18pt) WCAG AA ✓ Pass

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

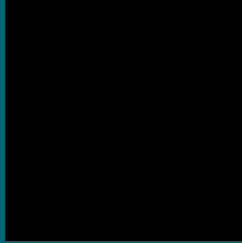
Any Text WCAG AA × Fail

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 006774 Background



This preview shows how black text looks on a background with the Hex color 006774.

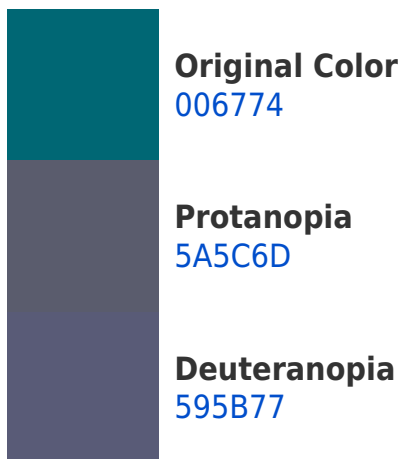


This preview shows how white text looks on a background with the Hex color 006774.

Color Blindness Simulation

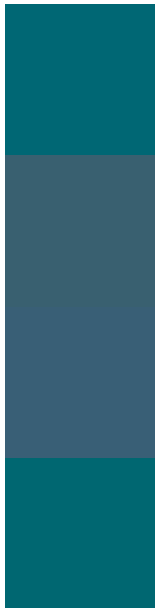
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
006774

Protanomaly
396070

Deuteranomaly
395F76

Tritanomaly
006771

Monochromacy



Original Color
006774

Achromatopsia
4A4A4A

Achromatomaly
2F5559

CSS Examples

Text

The CSS property to change the color of the text to Hex 006774 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 #006774 looks like.

```
.text, #text, p{  
    color:#006774  
}
```

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 #006774 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006774
}
```

Border

The CSS property to change the border of an element to Hex 006774 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
#006774 }
```

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

```
.border{ border-color:#006774 }
```

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

Here you see how a box with a 4 pixel #006774 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006774; -webkit-box-shadow:4px 4px  
4px 4px #006774; box-shadow:4px 4px 4px  
4px #006774 }
```

Background

The CSS property to change the background color of an element to Hex 006774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006774 }
```

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

```
.background{ background-color:#006774 }
```

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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