

# Converting Colors

Hex(006D74)

Have a look what the booklet for  
Hex(006D74) contains.

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# Color

Hex(006D74)

# Conversions

## Conversions Part 1

Format	Color
Hex	006D74
RGB	0, 109, 116
RGB Percent	0%, 43%, 45%
CMY	1.0000, 0.5725, 0.5451
CMYK	1.00, 0.06, 0.00, 0.55
HSL	184°, 100%, 23%
HSV	184°, 100%, 45%
XYZ	8.6210, 12.1982, 18.4231
YIQ	77.2070, -67.2110, -20.9310

# Conversions

## Conversions Part 2

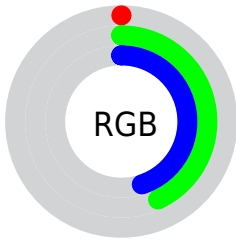
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 56, 116
Decimal	28020
CIELab	41.53, -23.32, -11.43
CIELCh	42, 25.971, 206.113
Yxy	12.1982, 0.2197, 0.3108
Android (android.graphics.Color)	4278218100 (0xFF006D74)
YUV	77.2070, 19.1249, -67.7105
Hunter-Lab	34.9260, -17.0600, -6.8267

# Details

The Hex color **006D74** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **740700**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4DA1A8**, and **003D44** is the 20% darker color. If you saturate the color by 10%, you get **006D74**, and if you desaturate by 10%, it is **0C6E74**.

# Distribution



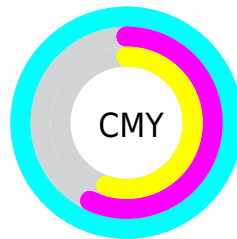
- Red (0%)
- Green (43%)
- Blue (45%)



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



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (57%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 006D74 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 006D74 by changing the saturation by 10% instead.



 006D74

 006D74

FFFFFF

 00545B

 4DA1A8

 003D44

 69BCC3

 00272E

 85D8DF

 000C1A

 A2F5FC

 000000

 BEFFFF

 DBFFFF

 F9FFFF

 006D74

■ 0C6E74

■ 176E74

■ 236F74

■ 2E7074

■ 3A7074

■ 467174

■ 517274

■ 5D7374

■ 687374

# Harmonies

## Analogous

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



266D5E



006D74



136A85

# Triad

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



006D74



7A567A



726037

# Complementary

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



006D74



740700

# 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.



83583F



006D74



895166

# Square

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



006D74



605D88



8B5350



5D663B

# Rectangle

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



006D74



30678B



8B5350



795D39



# Sweetspot

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



006D74



699496



007406



314B4D



CCCCCC



4D4D4D



# Same Dimension

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



006D74



008D96



003474



353A3B



00737A



00EBFA



# Inverse Universe

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



74006D



96008D



744000



3B353A



7A0073



FA00EB



# Previews

## White Background



This preview shows how the Hex color 006D74 looks on a white background.

## Color Contrast Check

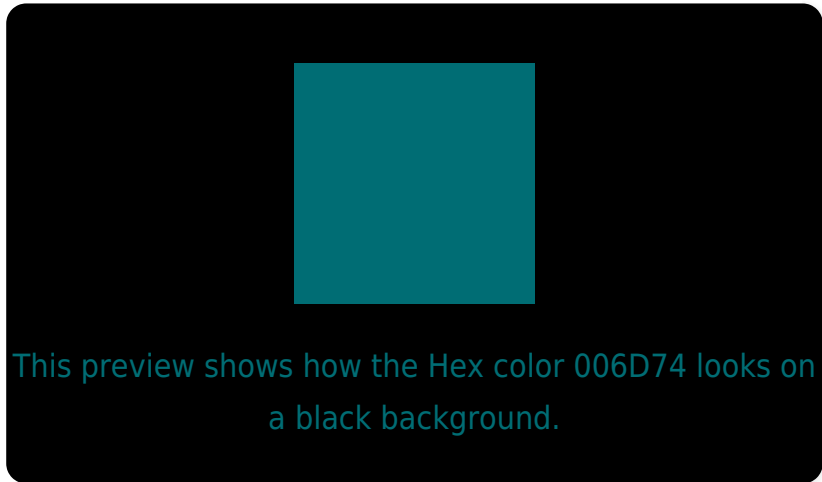
Large Text (above 18pt) WCAG AA ✓ Pass

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

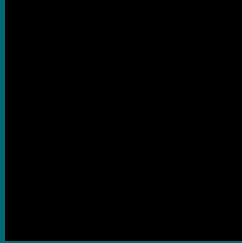
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 006D74 Background



This preview shows how black text looks on a background with the Hex color 006D74.



This preview shows how white text looks on a background with the Hex color 006D74.

# 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**  
006D74

**Protanopia**  
60616C

**Deuteranopia**  
616077



**Tritanopia**  
0A6D76

# Trichromacy



**Original Color**  
006D74

**Protanomaly**  
3D656F

**Deuteranomaly**  
3E6576

**Tritanomaly**  
066D75

# Monochromacy



**Original Color**  
006D74

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
31595B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 006D74 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 #006D74 looks like.

```
.text, #text, p{  
    color:#006D74  
}
```

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 #006D74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006D74
}
```

## Border

The CSS property to change the border of an element to Hex 006D74 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
#006D74 }
```

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

```
.border{ border-color:#006D74 }
```

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

Here you see how a box with a 4 pixel #006D74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006D74; -webkit-box-shadow:4px 4px  
4px 4px #006D74; box-shadow:4px 4px 4px  
4px #006D74 }
```

# Background

The CSS property to change the background color of an element to Hex 006D74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006D74 }
```

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

```
.background{ background-color:#006D74 }
```

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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