

Converting Colors

Hex(006C71)

Have a look what the booklet for
Hex(006C71) contains.

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Color

Hex(006C71)

Conversions

Conversions Part 1

Format	Color
Hex	006C71
RGB	0, 108, 113
RGB Percent	0%, 42%, 44%
CMY	1.0000, 0.5765, 0.5569
CMYK	1.00, 0.04, 0.00, 0.56
HSL	183°, 100%, 22%
HSV	183°, 100%, 44%
XYZ	8.3432, 11.9174, 17.4833
YIQ	76.2780, -65.9730, -21.3410

Conversions

Conversions Part 2

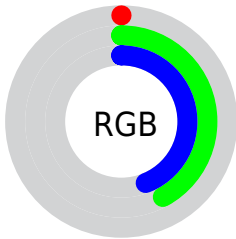
Format	Color
RYB	0, 55, 113
Decimal	27761
CIELab	41.08, -23.84, -10.28
CIELCh	41, 25.965, 203.333
Yxy	11.9174, 0.2210, 0.3157
Android (android.graphics.Color)	4278217841 (0xFF006C71)
YUV	76.2780, 18.1039, -66.8958
Hunter-Lab	34.5216, -17.2727, -5.8621

Details

The Hex color **006C71** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **710500**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4CA0A5**, and **003C41** is the 20% darker color. If you saturate the color by 10%, you get **006C71**, and if you desaturate by 10%, it is **0B6D71**.

Distribution



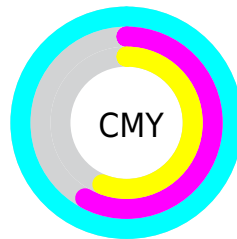
- Red (0%)
- Green (42%)
- Blue (44%)



- Red (0%)
- Yellow (22%)
- Blue (44%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006C71 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 006C71 by changing the saturation by 10% instead.

006C71

006C71

FFFFFF

005359

4CA0A5

003C41

68BBC0

00262B

84D7DC

000917

A1F3F8

000000

BDFFFF

DAFFFF

F8FFFF

006C71

 0B6D71

 176D71

 226E71

 2D6E71

 396F71

 446F71

 4F7071

 5A7071

 667171

Harmonies

Analogous

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



286C5B



006C71



0C6A82

Triad

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



006C71



77557B



735E36

Complementary

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



006C71



710500

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.



83573F



006C71



875167

Square

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



006C71



5C5D88



8A5151



5E6539

Rectangle

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



006C71



2B6689



8A5151



795B38

Sweetspot

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



006C71



689294



007104



2F494A



C9C9C9



4A4A4A

Same Dimension

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



006C71



008D94



003571



323838



007378



00ECF7

Inverse Universe

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



71006C



94008D



713C00



383238



780073



F700EC

Previews

White Background



This preview shows how the Hex color 006C71 looks on a white background.

Color Contrast Check

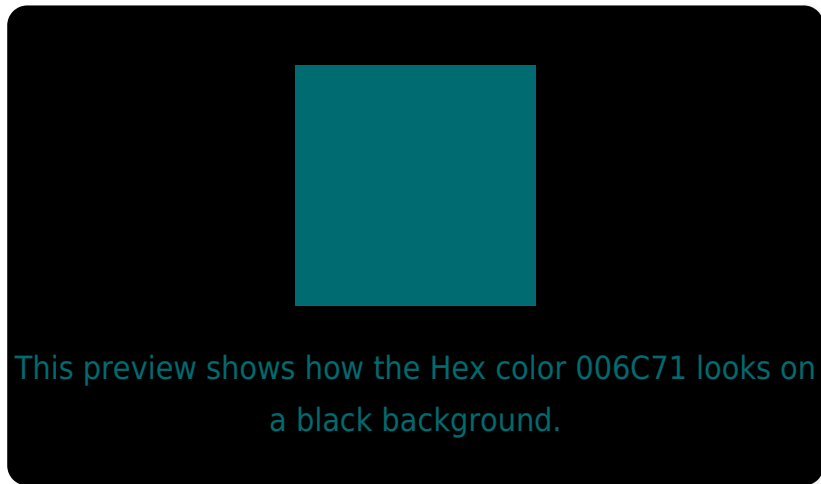
Large Text (above 18pt) WCAG AA ✓ Pass

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

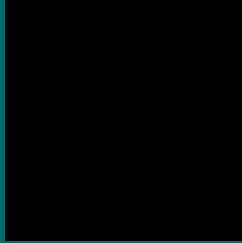
Any Text WCAG AA × Fail

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 006C71 Background



This preview shows how black text looks on a background with the Hex color 006C71.

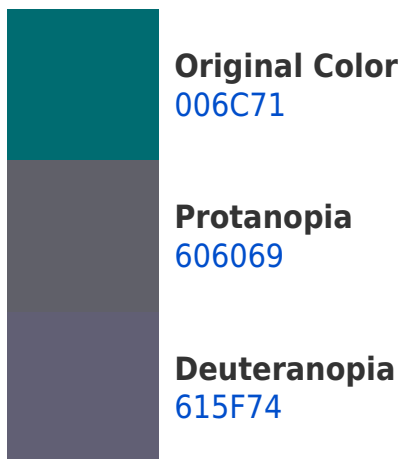


This preview shows how white text looks on a background with the Hex color 006C71.

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](#).

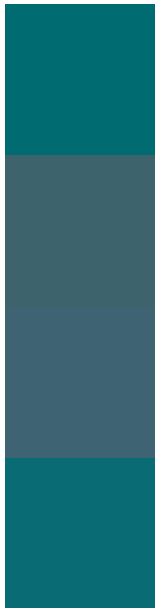
Dichromacy





Tritanopia
0E6B74

Trichromacy



Original Color
006C71

Protanomaly
3D646C

Deuteranomaly
3E6473

Tritanomaly
096B73

Monochromacy



Original Color
006C71

Achromatopsia
4C4C4C

Achromatomaly
305859

CSS Examples

Text

The CSS property to change the color of the text to Hex 006C71 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 #006C71 looks like.

```
.text, #text, p{  
    color:#006C71  
}
```

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 #006C71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006C71
}
```

Border

The CSS property to change the border of an element to Hex 006C71 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
#006C71 }
```

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

```
.border{ border-color:#006C71 }
```

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

Here you see how a box with a 4 pixel #006C71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006C71; -webkit-box-shadow:4px 4px  
4px 4px #006C71; box-shadow:4px 4px 4px  
4px #006C71 }
```

Background

The CSS property to change the background color of an element to Hex 006C71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006C71 }
```

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

```
.background{ background-color:#006C71 }
```

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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