

Converting Colors

Hex(006D71)

Have a look what the booklet for
Hex(006D71) contains.

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Color

Hex(006D71)

Conversions

Conversions Part 1

Format	Color
Hex	006D71
RGB	0, 109, 113
RGB Percent	0%, 43%, 44%
CMY	1.0000, 0.5725, 0.5569
CMYK	1.00, 0.04, 0.00, 0.56
HSL	182°, 100%, 22%
HSV	182°, 100%, 44%
XYZ	8.4493, 12.1295, 17.5187
YIQ	76.8650, -66.2480, -21.8640

Conversions

Conversions Part 2

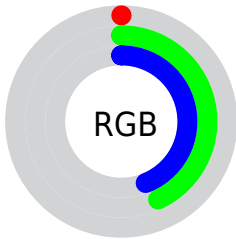
Format	Color
RYB	0, 55, 113
Decimal	28017
CIELab	41.42, -24.36, -9.78
CIELCh	41, 26.244, 201.871
Yxy	12.1295, 0.2218, 0.3184
Android (android.graphics.Color)	4278218097 (0xFF006D71)
YUV	76.8650, 17.8146, -67.4106
Hunter-Lab	34.8275, -17.6433, -5.4444

Details

The Hex color **006D71** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **710400**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **4CA1A5**, and **003D41** is the 20% darker color. If you saturate the color by 10%, you get **006D71**, and if you desaturate by 10%, it is **0B6D71**.

Distribution



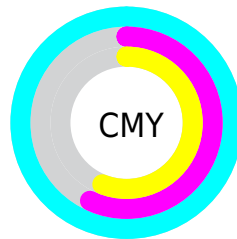
- Red (0%)
- Green (43%)
- Blue (44%)



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



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



- Cyan (100%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006D71 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 006D71 by changing the saturation by 10% instead.



006D71



006D71

FFFFFF



005459



4CA1A5



003D41



69BCC0



00272B



85D8DC



000B17



A1F5F8



000000



BEFFFF



DBFFFF



F8FFFF



006D71

■ 0B6D71

■ 176E71

■ 226E71

■ 2D6F71

■ 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.



2A6D5B



006D71



076B83

Triad

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



006D71



77567D



755E37

Complementary

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



006D71



710400

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.



855741



006D71



875168

Square

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



006D71



5B5E8A



8C5253



606539

Rectangle

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



006D71



29688A



8C5253



7B5C39

Sweetspot

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



006D71



689294



007104



2F494A



C9C9C9



4A4A4A

Same Dimension

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



006D71



008F94



003571



323838



007478



00EFF7

Inverse Universe

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



71006D



94008F



713C00



383238



780074



F700EF

Previews

White Background



This preview shows how the Hex color 006D71 looks on a white background.

Color Contrast Check

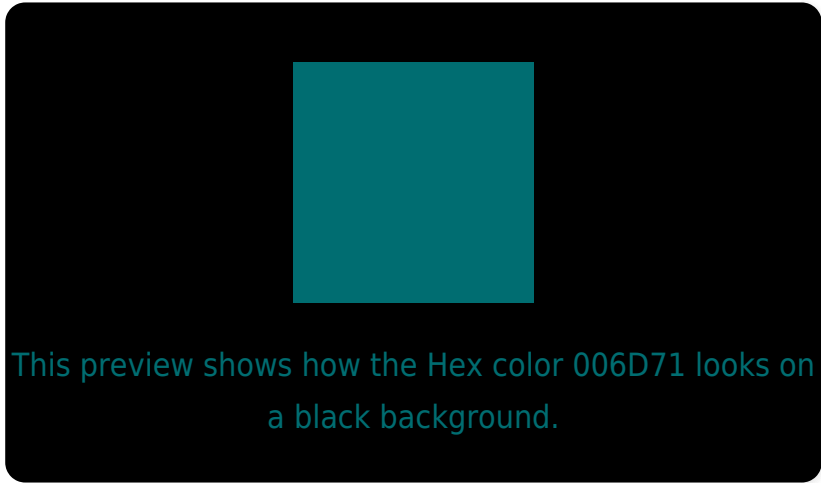
Large Text (above 18pt) WCAG AA ✓ Pass

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

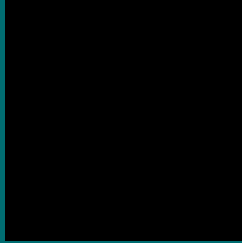
Any Text WCAG AA × Fail

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 006D71 Background



This preview shows how black text looks on a background with the Hex color 006D71.



This preview shows how white text looks on a background with the Hex color 006D71.

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
006D71

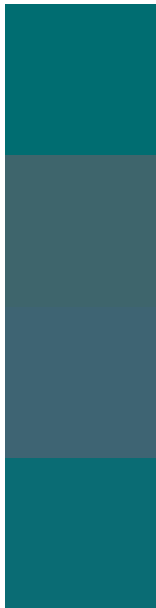
Protanopia
616169

Deuteranopia
625F74



Tritanopia
0F6C75

Trichromacy



Original Color
006D71

Protanomaly
3E656C

Deuteranomaly
3E6473

Tritanomaly
0A6C74

Monochromacy



Original Color
006D71

Achromatopsia
4D4D4D

Achromatomaly
31595A

CSS Examples

Text

The CSS property to change the color of the text to Hex 006D71 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 #006D71 looks like.

```
.text, #text, p{  
    color:#006D71  
}
```

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 #006D71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006D71
}
```

Border

The CSS property to change the border of an element to Hex 006D71 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
#006D71 }
```

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

```
.border{ border-color:#006D71 }
```

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

Here you see how a box with a 4 pixel #006D71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006D71; -webkit-box-shadow:4px 4px  
4px 4px #006D71; box-shadow:4px 4px 4px  
4px #006D71 }
```

Background

The CSS property to change the background color of an element to Hex 006D71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006D71 }
```

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

```
.background{ background-color:#006D71 }
```

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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