

Converting Colors

Hex(006E75)

Have a look what the booklet for
Hex(006E75) contains.

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Color

Hex(006E75)

Conversions

Conversions Part 1

Format	Color
Hex	006E75
RGB	0, 110, 117
RGB Percent	0%, 43%, 46%
CMY	1.0000, 0.5686, 0.5412
CMYK	1.00, 0.06, 0.00, 0.54
HSL	184°, 100%, 23%
HSV	184°, 100%, 46%
XYZ	8.7868, 12.4362, 18.7669
YIQ	77.9080, -67.8070, -21.1430

Conversions

Conversions Part 2

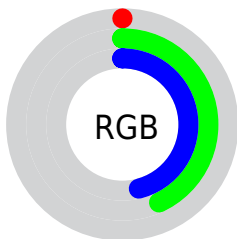
Format	Color
RYB	0, 57, 117
Decimal	28277
CIELab	41.90, -23.49, -11.47
CIELCh	42, 26.143, 206.032
Yxy	12.4362, 0.2197, 0.3110
Android (android.graphics.Color)	4278218357 (0xFF006E75)
YUV	77.9080, 19.2724, -68.3253
Hunter-Lab	35.2650, -17.2378, -6.8668

Details

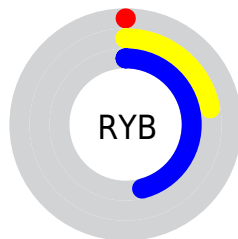
The Hex color **006E75** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **750700**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4DA2A9**, and **003E45** is the 20% darker color. If you saturate the color by 10%, you get **006E75**, and if you desaturate by 10%, it is **0C6F75**.

Distribution



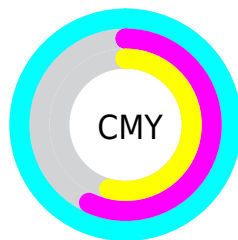
- Red (0%)
- Green (43%)
- Blue (46%)



- Red (0%)
- Yellow (22%)
- Blue (46%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006E75 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 006E75 by changing the saturation by 10% instead.

006E75

006E75

FFFFFF

00555C

4DA2A9

003E45

6ABDC4

00272F

86D9E0

000E1A

A2F6FD

000000


BFFFFFF

DCFFFF

FAFFFF

006E75

 0C6F75

 176F75

 237075

 2F7175

 3B7275

 467275

 527375

 5E7475

 697475

Harmonies

Analogous

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



276E5F



006E75



136B86

Triad

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



006E75



7B577B



746138

Complementary

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



006E75



750700

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.



845940



006E75



8A5267

Square

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



006E75



615E89



8C5351



5E673B

Rectangle

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



006E75



31688C



8C5351



7A5E39

Sweetspot

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



006E75



6B9699



007506



314B4D



CCCCCC



4D4D4D

Same Dimension

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



006E75



009099



003575



353A3B



00737A



00EBFA

Inverse Universe

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



75006E



990090



754000



3B353A



7A0073



FA00EB

Previews

White Background



This preview shows how the Hex color 006E75 looks on a white background.

Color Contrast Check

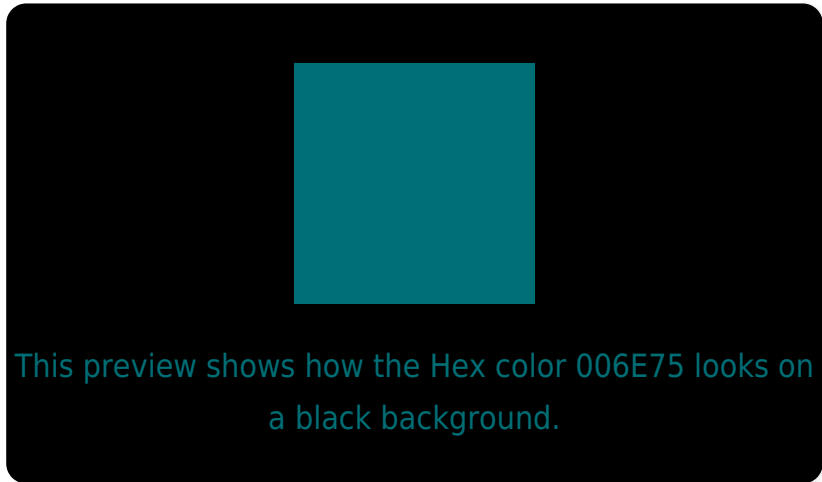
Large Text (above 18pt) WCAG AA ✓ Pass

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

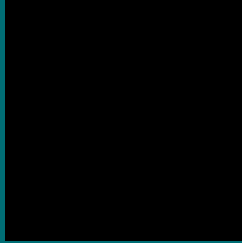
Any Text WCAG AA × Fail

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 006E75 Background



This preview shows how black text looks on a background with the Hex color 006E75.

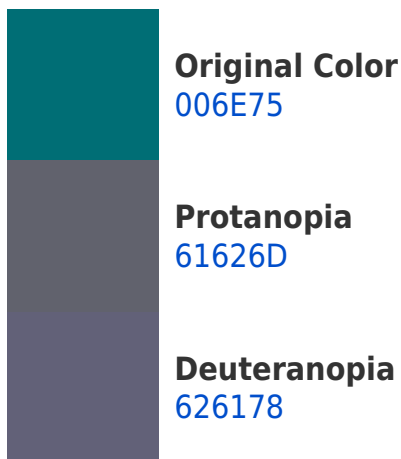


This preview shows how white text looks on a background with the Hex color 006E75.

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
0A6E77

Trichromacy



Original Color
006E75

Protanomaly
3E6670

Deuteranomaly
3E6677

Tritanomaly
066E76

Monochromacy



Original Color
006E75

Achromatopsia
4E4E4E

Achromatomaly
325A5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 006E75 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 #006E75 looks like.

```
.text, #text, p{  
    color:#006E75  
}
```

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 #006E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006E75
}
```

Border

The CSS property to change the border of an element to Hex 006E75 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
#006E75 }
```

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

```
.border{ border-color:#006E75 }
```

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

Here you see how a box with a 4 pixel #006E75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006E75; -webkit-box-shadow:4px 4px  
4px 4px #006E75; box-shadow:4px 4px 4px  
4px #006E75 }
```

Background

The CSS property to change the background color of an element to Hex 006E75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006E75 }
```

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

```
.background{ background-color:#006E75 }
```

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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