

Converting Colors

Hex(006C73)

Have a look what the booklet for
Hex(006C73) contains.

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Color

Hex(006C73)

Conversions

Conversions Part 1

Format	Color
Hex	006C73
RGB	0, 108, 115
RGB Percent	0%, 42%, 45%
CMY	1.0000, 0.5765, 0.5490
CMYK	1.00, 0.06, 0.00, 0.55
HSL	184°, 100%, 23%
HSV	184°, 100%, 45%
XYZ	8.4571, 11.9629, 18.0830
YIQ	76.5060, -66.6150, -20.7190

Conversions

Conversions Part 2

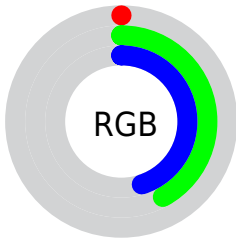
Format	Color
RYB	0, 56, 115
Decimal	27763
CIELab	41.16, -23.15, -11.39
CIELCh	41, 25.798, 206.194
Yxy	11.9629, 0.2196, 0.3107
Android (android.graphics.Color)	4278217843 (0xFF006C73)
YUV	76.5060, 18.9775, -67.0958
Hunter-Lab	34.5875, -16.8826, -6.7867

Details

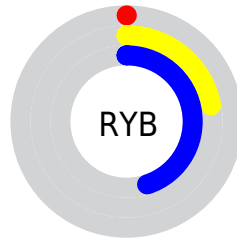
The Hex color **006C73** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **730700**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4DA0A7**, and **003C43** is the 20% darker color. If you saturate the color by 10%, you get **006C73**, and if you desaturate by 10%, it is **0B6D73**.

Distribution



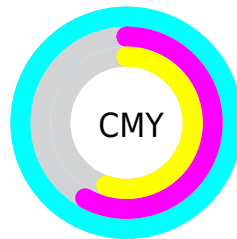
- Red (0%)
- Green (42%)
- Blue (45%)



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



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



- Cyan (100%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006C73 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 006C73 by changing the saturation by 10% instead.

 006C73

 006C73

FFFFFF

 00535A

 4DA0A7

 003C43

 69BBC2

 00262D

 85D7DE

 000919

 A1F3FB

 000000

 BEFFFF

 DBFFFF

 F8FFFF

 006C73

 0B6D73


 176D73

 236E73

 2E6F73

 3A6F73

 457073

 517173

 5C7273

 687273

Harmonies

Analogous

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



266C5E



006C73



136984

Triad

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



006C73



795579



715F37

Complementary

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



006C73



730700

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.



82573F



006C73



875165

Square

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



006C73



605D87



8A524F



5C653A

Rectangle

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



006C73



30668A



8A524F



775C38

Sweetspot

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



006C73



699496



007306



314B4D



CCCCCC



4D4D4D

Same Dimension

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



006C73



008D96



003473



353A3B



00737A



00EBFA

Inverse Universe

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



73006C



96008D



733F00



3B353A



7A0073



FA00EB

Previews

White Background



This preview shows how the Hex color 006C73 looks on a white background.

Color Contrast Check

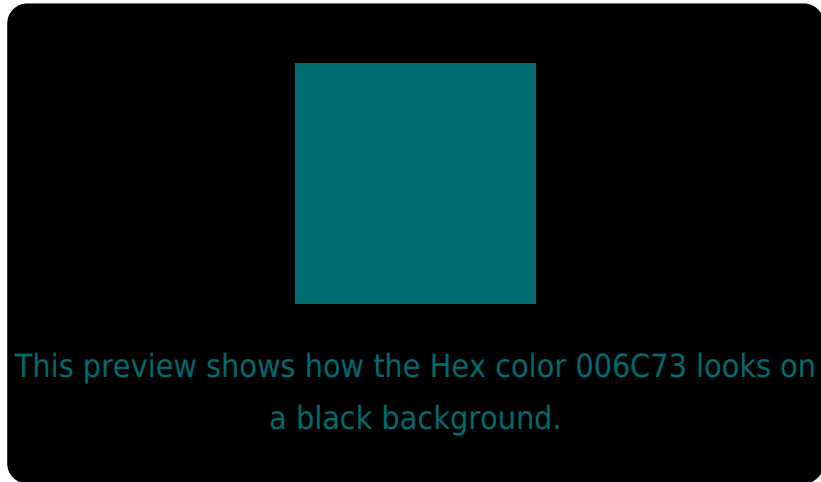
Large Text (above 18pt) WCAG AA ✓ Pass

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

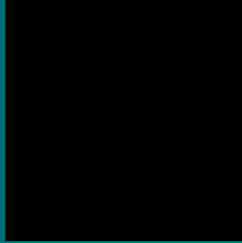
Any Text WCAG AA × Fail

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 006C73 Background



This preview shows how black text looks on a background with the Hex color 006C73.

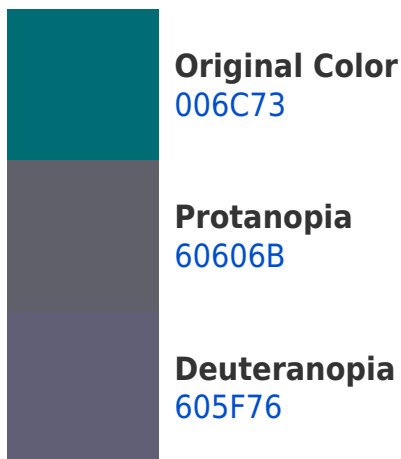


This preview shows how white text looks on a background with the Hex color 006C73.

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
0A6C75

Trichromacy



Original Color
006C73

Protanomaly
3D646E

Deuteranomaly
3D6475

Tritanomaly
066C74

Monochromacy



Original Color
006C73

Achromatopsia
4D4D4D

Achromatomaly
31585B

CSS Examples

Text

The CSS property to change the color of the text to Hex 006C73 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 #006C73 looks like.

```
.text, #text, p{  
    color:#006C73  
}
```

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 #006C73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006C73
}
```

Border

The CSS property to change the border of an element to Hex 006C73 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
#006C73 }
```

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

```
.border{ border-color:#006C73 }
```

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

Here you see how a box with a 4 pixel #006C73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006C73; -webkit-box-shadow:4px 4px  
4px 4px #006C73; box-shadow:4px 4px 4px  
4px #006C73 }
```

Background

The CSS property to change the background color of an element to Hex 006C73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006C73 }
```

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

```
.background{ background-color:#006C73 }
```

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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