

Converting Colors

Hex(00666F)

Have a look what the booklet for
Hex(00666F) contains.

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Color

Hex(00666F)

Conversions

Conversions Part 1

Format	Color
Hex	00666F
RGB	0, 102, 111
RGB Percent	0%, 40%, 44%
CMY	1.0000, 0.6000, 0.5647
CMYK	1.00, 0.08, 0.00, 0.56
HSL	185°, 100%, 22%
HSV	185°, 100%, 44%
XYZ	7.6206, 10.6504, 16.6930
YIQ	72.5280, -63.6810, -18.8250

Conversions

Conversions Part 2

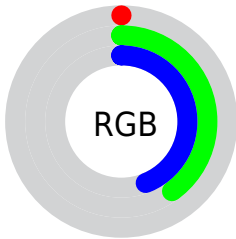
Format	Color
RYB	0, 53, 111
Decimal	26223
CIELab	38.99, -21.40, -12.24
CIELCh	39, 24.656, 209.764
Yxy	10.6504, 0.2180, 0.3046
Android (android.graphics.Color)	4278216303 (0xFF00666F)
YUV	72.5280, 18.9667, -63.6071
Hunter-Lab	32.6350, -15.4297, -7.4827

Details

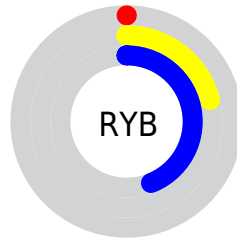
The Hex color **00666F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F0900**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4B99A3**, and **00373F** is the 20% darker color. If you saturate the color by 10%, you get **00666F**, and if you desaturate by 10%, it is **0B676F**.

Distribution



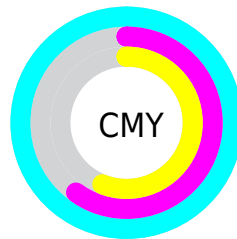
- Red (0%)
- Green (40%)
- Blue (44%)



- Red (0%)
- Yellow (21%)
- Blue (44%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00666F 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 00666F by changing the saturation by 10% instead.

00666F

00666F

FFFFFF

004E57

4B99A3

00373F

67B4BE

002229

83D0D9

000115

9FECF6

000000

BBFFFF

D8FFFF

F6FFFF

00666F

■ 0B676F

■ 16686F

■ 21696F

■ 2C6A6F

■ 386B6F

■ 436B6F

■ 4E6C6F

■ 596D6F

■ 646E6F

Harmonies

Analogous

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



20665B



00666F



18637E

Triad

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



00666F



755070



695B33

Complementary

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



00666F



6F0900

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.



79543A



00666F



814C5D

Square

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



00666F



5E577F



824E49



546138

Rectangle

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



00666F



326083



824E49



6F5834

Sweetspot

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



00666F



668E91



006F07



2F484A



C9C9C9



4A4A4A

Same Dimension

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



00666F



008691



00306F



323838



006E78



00E3F7

Inverse Universe

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



6F0066



910086



6F3F00



383238



78006E



F700E3

Previews

White Background



This preview shows how the Hex color 00666F looks on a white background.

Color Contrast Check

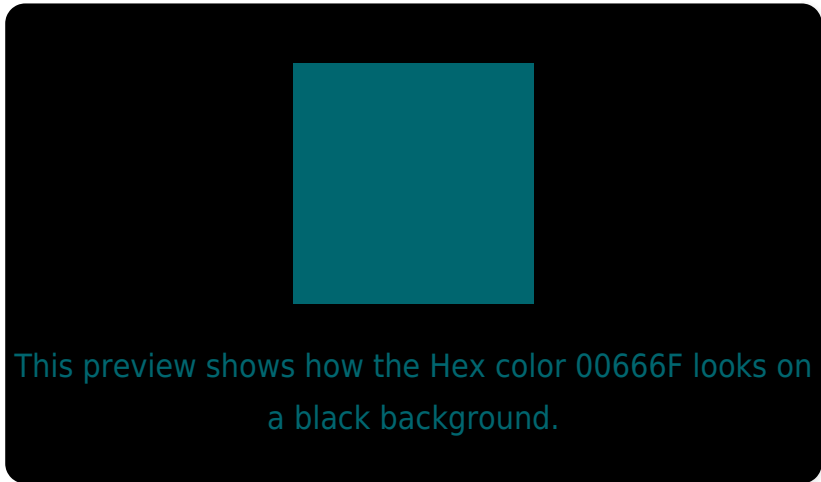
Large Text (above 18pt) WCAG AA ✓ Pass

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

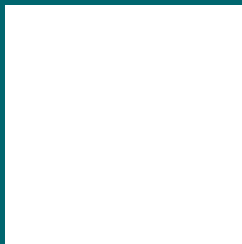
Any Text WCAG AAA × Fail

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

Hex 00666F Background



This preview shows how black text looks on a background with the Hex color 00666F.

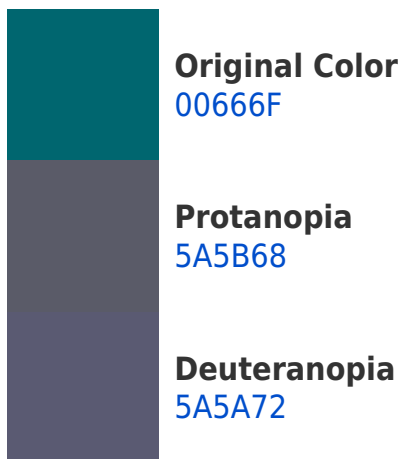


This preview shows how white text looks on a background with the Hex color 00666F.

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



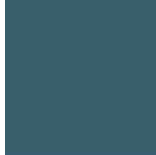


Tritanopia
00666E

Trichromacy



Original Color
00666F



Protanomaly
395F6B



Deuteranomaly
395E71



Tritanomaly
00666E

Monochromacy



Original Color
00666F



Achromatopsia
494949



Achromatomaly
2E5457

CSS Examples

Text

The CSS property to change the color of the text to Hex 00666F 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 #00666F looks like.

```
.text, #text, p{  
    color:#00666F  
}
```

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 #00666F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00666F
}
```

Border

The CSS property to change the border of an element to Hex 00666F is called "border". The border property can be set on classes, ids or directly on the HTML element.

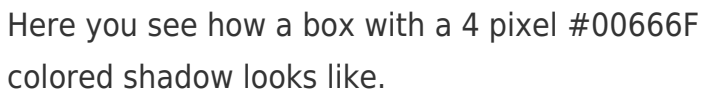
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00666F }
```

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

```
.border{ border-color:#00666F }
```

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



Here you see how a box with a 4 pixel #00666F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00666F; -webkit-box-shadow:4px 4px  
4px 4px #00666F; box-shadow:4px 4px 4px  
4px #00666F }
```

Background

The CSS property to change the background color of an element to Hex 00666F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00666F }
```

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

```
.background{ background-color:#00666F }
```

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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