

Converting Colors

Hex(00656F)

Have a look what the booklet for
Hex(00656F) contains.

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Color

Hex(00656F)

Conversions

Conversions Part 1

Format	Color
Hex	00656F
RGB	0, 101, 111
RGB Percent	0%, 40%, 44%
CMY	1.0000, 0.6039, 0.5647
CMYK	1.00, 0.09, 0.00, 0.56
HSL	185°, 100%, 22%
HSV	185°, 100%, 44%
XYZ	7.5229, 10.4551, 16.6605
YIQ	71.9410, -63.4060, -18.3020

Conversions

Conversions Part 2

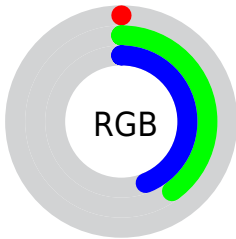
Format	Color
RYB	0, 53, 111
Decimal	25967
CIELab	38.65, -20.87, -12.75
CIELCh	39, 24.459, 211.428
Yxy	10.4551, 0.2172, 0.3018
Android (android.graphics.Color)	4278216047 (0xFF00656F)
YUV	71.9410, 19.2561, -63.0923
Hunter-Lab	32.3343, -15.0550, -7.9156

Details

The Hex color **00656F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F0A00**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4B98A3**, and **00363F** is the 20% darker color. If you saturate the color by 10%, you get **00656F**, and if you desaturate by 10%, it is **0B666F**.

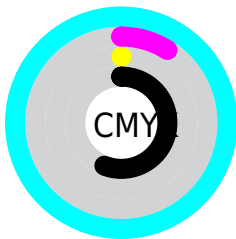
Distribution



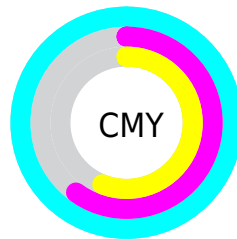
- Red (0%)
- Green (40%)
- Blue (44%)



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



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (56%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00656F 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 00656F by changing the saturation by 10% instead.

00656F

00656F

FFFFFF

004D57

4B98A3

00363F

67B3BE

002129

82CFD9

000115

9EEBF6

000000

BBFFFF

D8FFFF

F5FFFF

00656F

 0B666F

 16676F

 21686F

 2C696F

 386A6F

 436B6F

 4E6C6F

 596D6F

 646E6F

Harmonies

Analogous

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



1E665B



00656F



1A627D

Triad

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



00656F



754F6E



675A33

Complementary

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



00656F



6F0A00

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.



775339



00656F



804B5B

Square

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



00656F



5E557D



814D47



526038

Rectangle

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



00656F



345F82



814D47



6D5834

Sweetspot

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



00656F



668D91



006F09



2F484A



C9C9C9



4A4A4A

Same Dimension

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



00656F



008491



002E6F



323838



006D78



00E1F7

Inverse Universe

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



6F0065



910084



6F4100



383238



78006D



F700E1

Previews

White Background



This preview shows how the Hex color 00656F looks on a white background.

Color Contrast Check

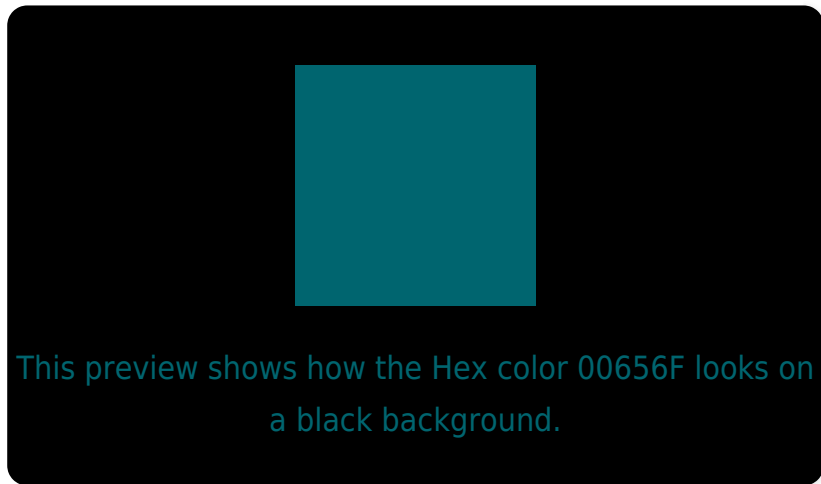
Large Text (above 18pt) WCAG AA ✓ Pass

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

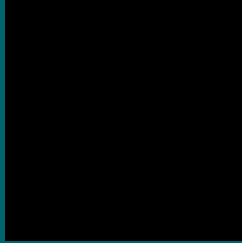
Any Text WCAG AA × Fail

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 00656F Background



This preview shows how black text looks on a background with the Hex color 00656F.

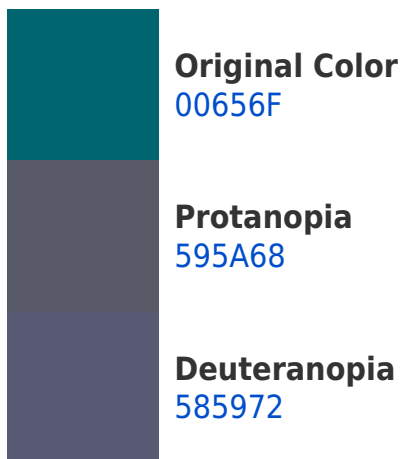


This preview shows how white text looks on a background with the Hex color 00656F.

Color Blindness Simulation

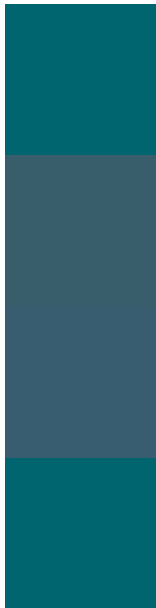
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
00656F

Protanomaly
395E6B

Deuteranomaly
385D71

Tritanomaly
00656E

Monochromacy



Original Color
00656F

Achromatopsia
484848

Achromatomaly
2E5356

CSS Examples

Text

The CSS property to change the color of the text to Hex 00656F 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 #00656F looks like.

```
.text, #text, p{  
    color:#00656F  
}
```

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 #00656F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00656F
}
```

Border

The CSS property to change the border of an element to Hex 00656F 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
#00656F }
```

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

```
.border{ border-color:#00656F }
```

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

Here you see how a box with a 4 pixel #00656F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00656F; -webkit-box-shadow:4px 4px  
4px 4px #00656F; box-shadow:4px 4px 4px  
4px #00656F }
```

Background

The CSS property to change the background color of an element to Hex 00656F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00656F }
```

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

```
.background{ background-color:#00656F }
```

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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