

Converting Colors

Hex(00546F)

Have a look what the booklet for
Hex(00546F) contains.

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Color

Hex(00546F)

Conversions

Conversions Part 1

Format	Color
Hex	00546F
RGB	0, 84, 111
RGB Percent	0%, 33%, 44%
CMY	1.0000, 0.6706, 0.5647
CMYK	1.00, 0.24, 0.00, 0.56
HSL	195°, 100%, 22%
HSV	195°, 100%, 44%
XYZ	6.0396, 7.4883, 16.1660
YIQ	61.9620, -58.7310, -9.4110

Conversions

Conversions Part 2

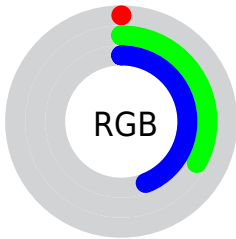
Format	Color
RYB	0, 48, 111
Decimal	21615
CIELab	32.89, -11.23, -21.60
CIELCh	33, 24.347, 242.542
Yxy	7.4883, 0.2034, 0.2522
Android (android.graphics.Color)	4278211695 (0xFF00546F)
YUV	61.9620, 24.1757, -54.3407
Hunter-Lab	27.3648, -8.4926, -15.8707

Details

The Hex color **00546F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6F1B00**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4886A3**, and **00273F** is the 20% darker color. If you saturate the color by 10%, you get **00546F**, and if you desaturate by 10%, it is **0B576F**.

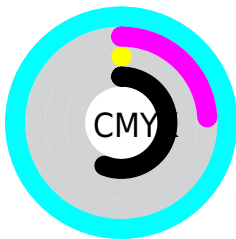
Distribution



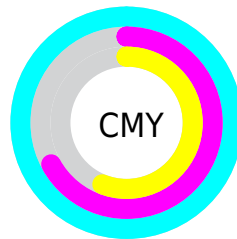
- Red (0%)
- Green (33%)
- Blue (44%)



- Red (0%)
- Yellow (19%)
- Blue (44%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00546F 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 00546F by changing the saturation by 10% instead.

00546F

00546F

FFFFFF

003D57

4886A3

00273F

64A0BE

001329

7FBBD8

000114

9BD6F6

000000

B7F3FF

D4FFFF

F1FFFF

00546F

■ 0B576F

■ 16596F

■ 215C6F

■ 2C5F6F

■ 38626F

■ 43646F

■ 4E676F

■ 596A6F

■ 646C6F

Harmonies

Analogous

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



005761



00546F



324F74

Triad

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



00546F



713E4C



44522C

Complementary

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



00546F



6F1B00

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.



584D26



00546F



71403A

Square

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



00546F



67415F



68462C



2C563B

Rectangle

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



00546F



484A71



68462C



4B5129

Sweetspot

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



00546F



668791



006F1A



2F434A



C9C9C9



4A4A4A

Same Dimension

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



00546F



006E91



001E6F



323738



005B78



00BBF7

Inverse Universe

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



6F0054



91006E



6F5100



383237



78005B



F700BB

Previews

White Background



This preview shows how the Hex color 00546F looks on a white background.

Color Contrast Check

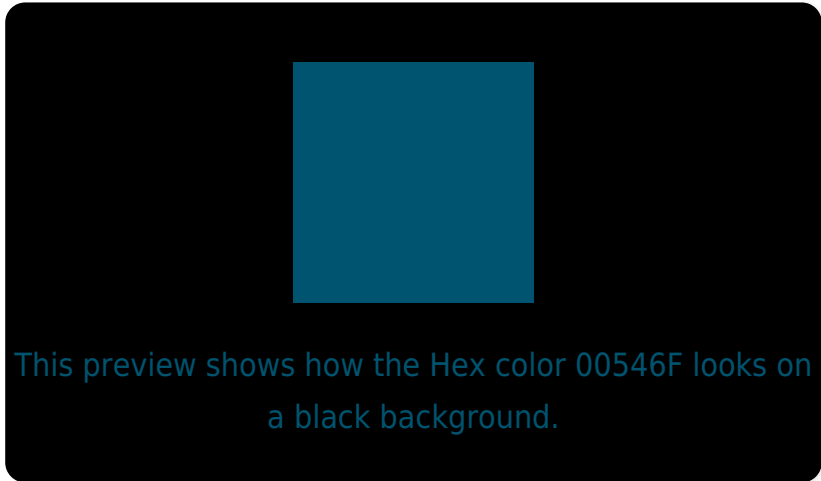
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

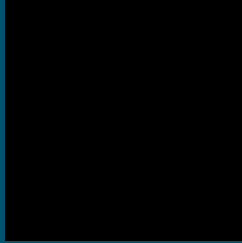
Any Text WCAG AA × Fail

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 00546F Background



This preview shows how black text looks on a background with the Hex color 00546F.

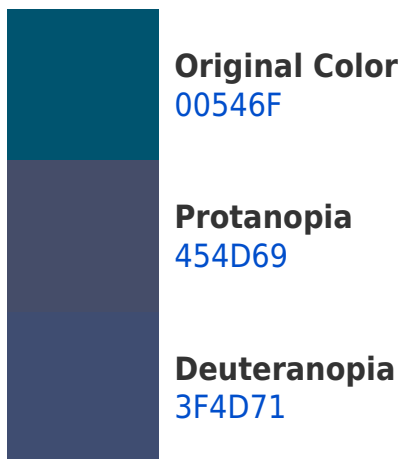



This preview shows how white text looks on a background with the Hex color 00546F.

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](#).

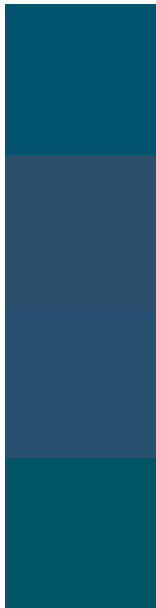
Dichromacy





Tritanopia
00565D

Trichromacy



Original Color
00546F

Protanomaly
2C506B

Deuteranomaly
285070

Tritanomaly
005564

Monochromacy



Original Color
00546F

Achromatopsia
3E3E3E

Achromatomaly
274650

CSS Examples

Text

The CSS property to change the color of the text to Hex 00546F 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 #00546F looks like.

```
.text, #text, p{  
    color:#00546F  
}
```

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 #00546F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00546F
}
```

Border

The CSS property to change the border of an element to Hex 00546F is called "border". The border property can be set on classes, ids or directly on the HTML element.

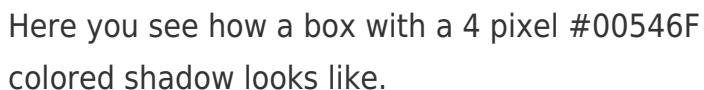
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00546F }
```

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

```
.border{ border-color:#00546F }
```

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



Here you see how a box with a 4 pixel #00546F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00546F; -webkit-box-shadow:4px 4px  
4px 4px #00546F; box-shadow:4px 4px 4px  
4px #00546F }
```

Background

The CSS property to change the background color of an element to Hex 00546F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00546F }
```

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

```
.background{ background-color:#00546F }
```

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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