

# Converting Colors

Hex(03566F)

Have a look what the booklet for  
Hex(03566F) contains.

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# Color

**Hex(03566F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03566F
RGB	3, 86, 111
RGB Percent	1%, 34%, 44%
CMY	0.9882, 0.6627, 0.5647
CMYK	0.97, 0.23, 0.00, 0.56
HSL	194°, 95%, 22%
HSV	194°, 97%, 44%
XYZ	6.2346, 7.8226, 16.2202
YIQ	64.0330, -57.4930, -9.8210

# Conversions

## Conversions Part 2

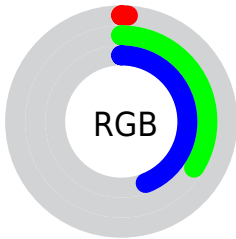
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 50, 111
Decimal	218735
CIELab	33.61, -12.19, -20.49
CIElCh	34, 23.840, 239.242
Yxy	7.8226, 0.2059, 0.2584
Android (android.graphics.Color)	4278408815 (0xFF03566F)
YUV	64.0330, 23.1547, -53.5259
Hunter-Lab	27.9690, -9.1561, -14.8062

# Details

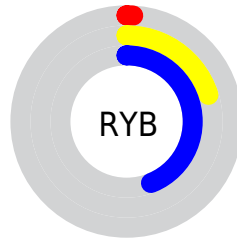
The Hex color **03566F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F1C03**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **4988A3**, and **00293F** is the 20% darker color. If you saturate the color by 10%, you get **00556F**, and if you desaturate by 10%, it is **0E596F**.

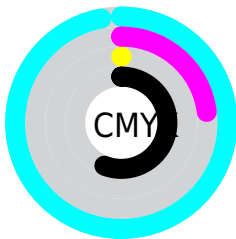
# Distribution



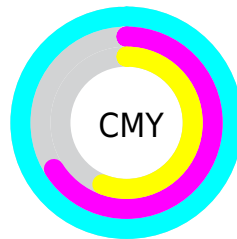
- Red (1%)
- Green (34%)
- Blue (44%)



- Red (1%)
- Yellow (20%)
- Blue (44%)



- Cyan (97%)
- Magenta (23%)
- Yellow (0%)
- Black (56%)



- Cyan (99%)
- Magenta (66%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03566F 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 03566F by changing the saturation by 10% instead.



03566F

03566F

FFFFFF

003F57

4988A3

00293F

65A2BE

001529

80BDDA

000114

9CD9F6

000000

B8F5FF

D5FFFF

F2FFFF

03566F

03566F

■ 00556F

■ 0E596F

■ 195B6F

■ 245E6F

■ 2F606F

■ 3B636F

■ 46656F

■ 51686F

■ 5C6B6F

■ 676D6F

# Harmonies

## Analogous

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



005961



03566F



315175

# Triad

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



03566F



724050



48532D

# Complementary

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



03566F



6F1C03

# 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.



5C4E29



03566F



73423E

# Square

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



03566F



664463



6B472F



31573B

# Rectangle

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



03566F



474D73



6B472F



4F522B



# Sweetspot

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



03566F



678891



036F1A



30444A



C9C9C9



4A4A4A



# Same Dimension

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



03566F



007091



03226F



323738



005C78



00BEF7



# Inverse Universe

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



6F0356



910070



6F5003



383237



78005C



F700BE



# Previews

## White Background



This preview shows how the Hex color 03566F looks on a white background.

## Color Contrast Check

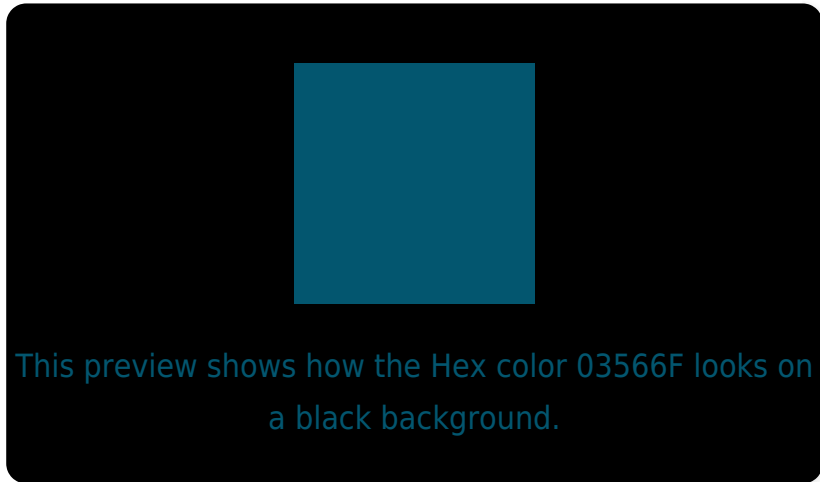
Large Text (above 18pt) WCAG AA ✓ Pass

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

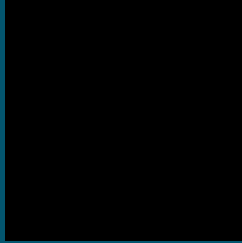
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 03566F Background



This preview shows how black text looks on a background with the Hex color 03566F.

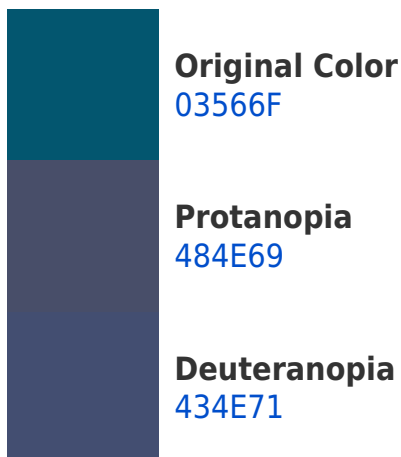


This preview shows how white text looks on a background with the Hex color 03566F.

# 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](#).

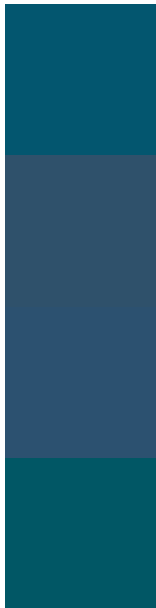
## Dichromacy





**Tritanopia**  
00585F

# Trichromacy



**Original Color**  
03566F

**Protanomaly**  
2F516B

**Deuteranomaly**  
2C5170

**Tritanomaly**  
015765

# Monochromacy



**Original Color**  
03566F

**Achromatopsia**  
404040

**Achromatomaly**  
2A4851

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03566F 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 #03566F looks like.

```
.text, #text, p{  
    color:#03566F  
}
```

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 #03566F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03566F
}
```

## Border

The CSS property to change the border of an element to Hex 03566F is called "border". The border property can be set on classes, ids or directly on the HTML element.

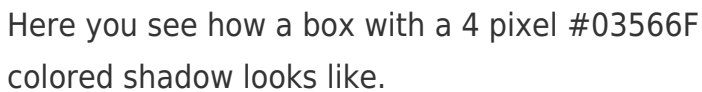
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#03566F }
```

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

```
.border{ border-color:#03566F }
```

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



Here you see how a box with a 4 pixel #03566F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03566F; -webkit-box-shadow:4px 4px  
4px 4px #03566F; box-shadow:4px 4px 4px  
4px #03566F }
```

# Background

The CSS property to change the background color of an element to Hex 03566F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03566F }
```

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

```
.background{ background-color:#03566F }
```

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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