

# Converting Colors

Hex(03576B)

Have a look what the booklet for  
Hex(03576B) contains.

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# Color

**Hex(03576B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03576B
RGB	3, 87, 107
RGB Percent	1%, 34%, 42%
CMY	0.9882, 0.6588, 0.5804
CMYK	0.97, 0.19, 0.00, 0.58
HSL	192°, 95%, 22%
HSV	192°, 97%, 42%
XYZ	6.0996, 7.8973, 15.1128
YIQ	64.1640, -56.4840, -11.5880

# Conversions

## Conversions Part 2

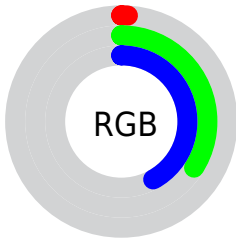
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 49, 107
Decimal	218987
CIELab	33.77, -14.34, -17.74
CIELCh	34, 22.812, 231.066
Yxy	7.8973, 0.2095, 0.2713
Android (android.graphics.Color)	4278409067 (0xFF03576B)
YUV	64.1640, 21.1181, -53.6408
Hunter-Lab	28.1021, -10.4351, -12.2135

# Details

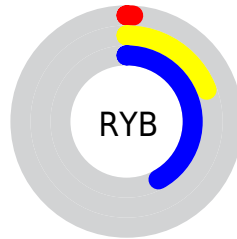
The Hex color **03576B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B1703**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **49899E**, and **00293C** is the 20% darker color. If you saturate the color by 10%, you get **00566B**, and if you desaturate by 10%, it is **0E596B**.

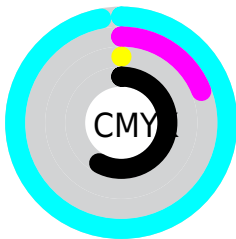
# Distribution



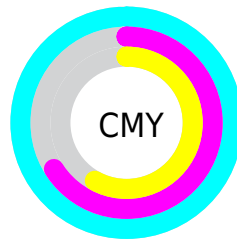
- Red (1%)
- Green (34%)
- Blue (42%)



- Red (1%)
- Yellow (19%)
- Blue (42%)



- Cyan (97%)
- Magenta (19%)
- Yellow (0%)
- Black (58%)



- Cyan (99%)
- Magenta (66%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03576B 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 03576B by changing the saturation by 10% instead.



03576B

03576B

FFFFFF

004053

49899E

00293C

64A3B9

001626

7FBED5

000110

9BD AF1

000000

B7F7FF

D4FFFF

F1FFFF

03576B

03576B

■ 00566B

■ 0E596B

■ 185B6B

■ 235D6B

■ 2E5F6B

■ 39616B

■ 43636B

■ 4E656B

■ 59676B

■ 636A6B

# Harmonies

## Analogous

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



00595C



03576B



2B5373

# Triad

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



03576B



6F4256



4E522D

# Complementary

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



03576B



6B1703

# 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.



604C2C



03576B



734243

# Square

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



03576B



614666



6D4634



395638

# Rectangle

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



03576B



404F73



6D4634



55502B



# Sweetspot

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



03576B



64848C



036B16



2E4347



C7C7C7



474747



# Same Dimension

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



03576B



00718C



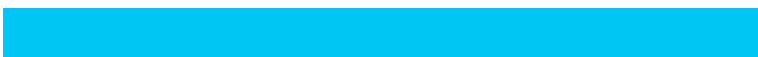
03246B



303536



005F75



00C6F5



# Inverse Universe

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



6B0357



8C0071



6B4A03



363035



75005F



F500C6



# Previews

## White Background



This preview shows how the Hex color 03576B looks on a white background.

## Color Contrast Check

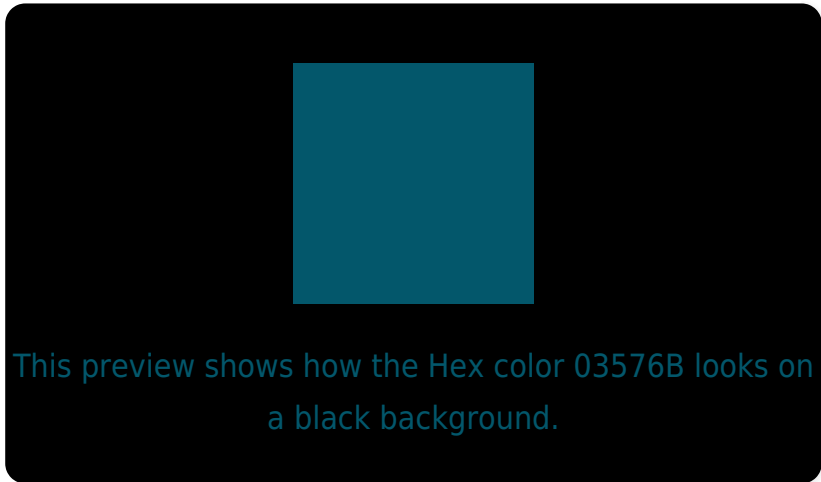
Large Text (above 18pt) WCAG AA ✓ Pass

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

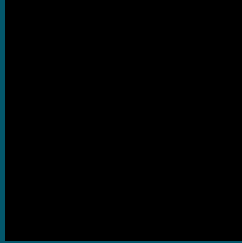
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 03576B Background



This preview shows how black text looks on a background with the Hex color 03576B.



This preview shows how white text looks on a background with the Hex color 03576B.

# 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



**Original Color**  
03576B

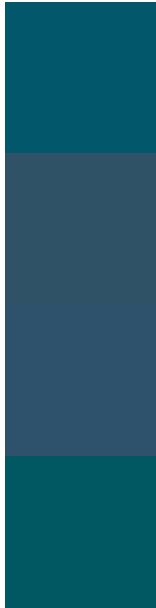
**Protanopia**  
4A4F65

**Deuteranopia**  
464E6D



**Tritanopia**  
00585F

# Trichromacy



**Original Color**  
03576B

**Protanomaly**  
305267

**Deuteranomaly**  
2E516C

**Tritanomaly**  
015863

# Monochromacy



**Original Color**  
03576B

**Achromatopsia**  
404040

**Achromatomaly**  
2A4850

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03576B 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 #03576B looks like.

```
.text, #text, p{  
    color:#03576B  
}
```

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 #03576B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03576B
}
```

## Border

The CSS property to change the border of an element to Hex 03576B 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
#03576B }
```

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

```
.border{ border-color:#03576B }
```

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

Here you see how a box with a 4 pixel #03576B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03576B; -webkit-box-shadow:4px 4px  
4px 4px #03576B; box-shadow:4px 4px 4px  
4px #03576B }
```

# Background

The CSS property to change the background color of an element to Hex 03576B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03576B }
```

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

```
.background{ background-color:#03576B }
```

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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