

# Converting Colors

Hex(06403F)

Have a look what the booklet for  
Hex(06403F) contains.

<b>Hex(06403F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(06403F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	06403F
RGB	6, 64, 63
RGB Percent	2%, 25%, 25%
CMY	0.9765, 0.7490, 0.7529
CMYK	0.91, 0.00, 0.02, 0.75
HSL	179°, 83%, 14%
HSV	179°, 91%, 25%
XYZ	2.8057, 4.0644, 5.3393
YIQ	46.5440, -34.2470, -12.6070

# Conversions

## Conversions Part 2

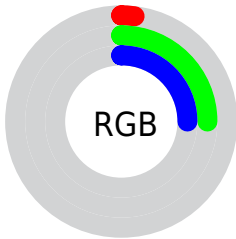
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 35, 64
Decimal	409663
CIELab	23.88, -17.38, -4.44
CIElCh	24, 17.941, 194.329
Yxy	4.0644, 0.2298, 0.3329
Android (android.graphics.Color)	4278599743 (0xFF06403F)
YUV	46.5440, 8.1128, -35.5571
Hunter-Lab	20.1603, -10.4388, -1.5901

# Details

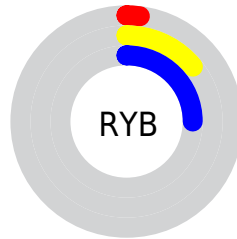
The Hex color **06403F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **400607**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **3E706F**, and **001715** is the 20% darker color. If you saturate the color by 10%, you get **00403F**, and if you desaturate by 10%, it is **0C403F**.

# Distribution



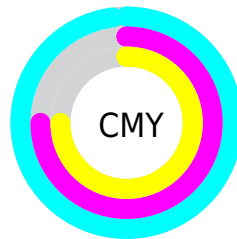
- Red (2%)
- Green (25%)
- Blue (25%)



- Red (2%)
- Yellow (14%)
- Blue (25%)



- Cyan (91%)
- Magenta (0%)
- Yellow (2%)
- Black (75%)



- Cyan (98%)
- Magenta (75%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06403F 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 06403F by changing the saturation by 10% instead.



06403F

06403F

FBFFFF

002A29

3E706F

001715

578A88

000000

71A4A2

8BBFBD

A6DBD9

C2F8F5

DEFFFF

06403F

06403F

■ 00403F

■ 0C403F

■ 13403F

■ 19403F

■ 20403F

■ 264040

■ 2C4040

■ 334040

■ 394040

■ 404040

# Harmonies

## Analogous

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



1B3F31



06403F



013F4B

# Triad

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



06403F



42334C



48361F

# Complementary

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



06403F



400607

# 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.



503127



06403F



4F2F40

# Square

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



06403F



303853



532E33



3B3A1E

# Rectangle

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



06403F



0F3D51



532E33



4B3421



# Sweetspot

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



06403F



3D5454



084006



1D2B2B



ABABAB



2B2B2B



# Same Dimension

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



06403F



005453



062540



1E2121



00615F



00E0DD



# Inverse Universe

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



400607



540001



402106



211E1E



610002



E00004



# Previews

## White Background



This preview shows how the Hex color 06403F looks on a white background.

## Color Contrast Check

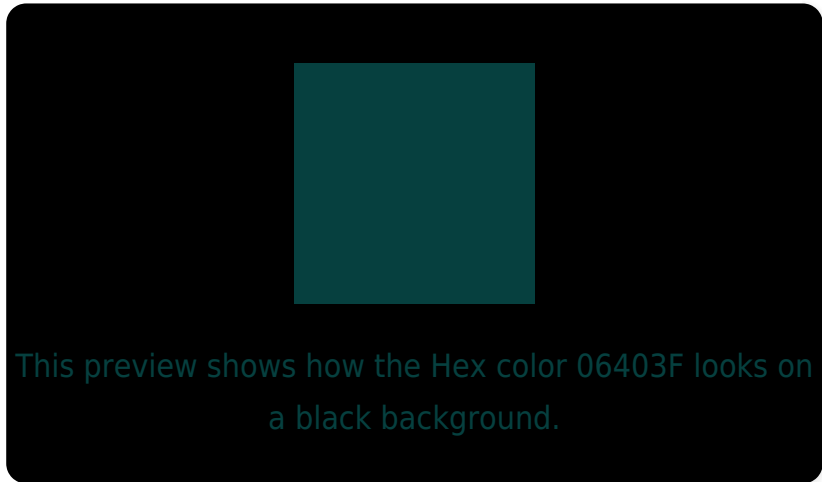
Large Text (above 18pt) WCAG AA ✓ Pass

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

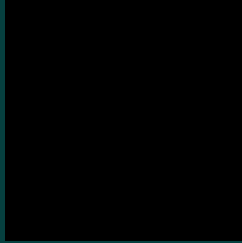
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

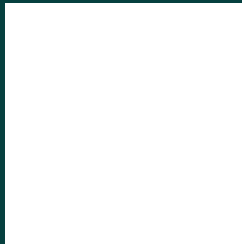
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 06403F Background



This preview shows how black text looks on a background with the Hex color 06403F.



This preview shows how white text looks on a background with the Hex color 06403F.

# 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](#).

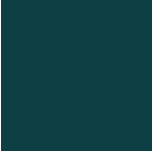
## Dichromacy



**Original Color**  
06403F

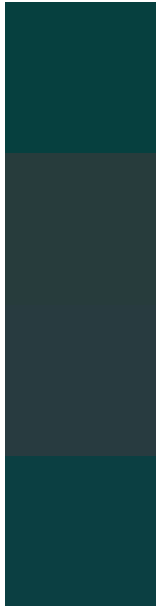
**Protanopia**  
3A393B

**Deuteranopia**  
3B3841



**Tritanopia**  
0E3F44

# Trichromacy



**Original Color**  
06403F

**Protanomaly**  
273C3C

**Deuteranomaly**  
283B40

**Tritanomaly**  
0B3F42

# Monochromacy



**Original Color**  
06403F

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
203535

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06403F 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 #06403F looks like.

```
.text, #text, p{  
    color:#06403F  
}
```

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 #06403F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06403F
}
```

## Border

The CSS property to change the border of an element to Hex 06403F 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
#06403F }
```

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

```
.border{ border-color:#06403F }
```

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

Here you see how a box with a 4 pixel #06403F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06403F; -webkit-box-shadow:4px 4px  
4px 4px #06403F; box-shadow:4px 4px 4px  
4px #06403F }
```

# Background

The CSS property to change the background color of an element to Hex 06403F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06403F }
```

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

```
.background{ background-color:#06403F }
```

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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