

# Converting Colors

Hex(00484F)

Have a look what the booklet for  
Hex(00484F) contains.

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# Color

**Hex(00484F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00484F
RGB	0, 72, 79
RGB Percent	0%, 28%, 31%
CMY	1.0000, 0.7176, 0.6902
CMYK	1.00, 0.09, 0.00, 0.69
HSL	185°, 100%, 15%
HSV	185°, 100%, 31%
XYZ	3.7286, 5.1992, 8.2042
YIQ	51.2700, -45.1590, -13.0870

# Conversions

## Conversions Part 2

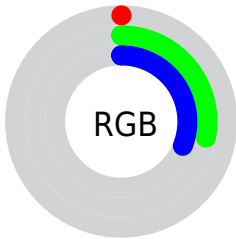
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 38, 79
Decimal	18511
CIELab	27.30, -16.72, -9.83
CIELCh	27, 19.397, 210.439
Yxy	5.1992, 0.2176, 0.3035
Android (android.graphics.Color)	4278208591 (0xFF00484F)
YUV	51.2700, 13.6709, -44.9638
Hunter-Lab	22.8018, -10.7142, -5.3714

# Details

The Hex color **00484F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4F0700**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **3F7980**, and **001D23** is the 20% darker color. If you saturate the color by 10%, you get **00484F**, and if you desaturate by 10%, it is **08494F**.

# Distribution



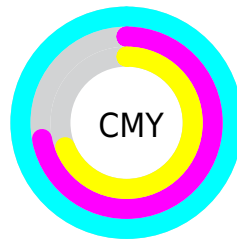
- Red (0%)
- Green (28%)
- Blue (31%)



- Red (0%)
- Yellow (15%)
- Blue (31%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (72%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00484F 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 00484F by changing the saturation by 10% instead.



 00484F

 00484F

FFFFFF

 003138

 3F7980

 001D23

 59939A

 00000C

 74ADB5

 000000

 8FC9D0

 AAE5ED

 C6FFFF

 E3FFFF

 00484F

■ 08494F

■ 10494F

■ 184A4F

■ 204B4F

■ 284C4F

■ 2F4C4F

■ 374D4F

■ 3F4E4F

■ 474E4F

# Harmonies

## Analogous

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



144840



00484F



0F465A

# Triad

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



00484F



53374F



4A4023

# Complementary

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



00484F



4F0700

# 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.



563A27



00484F



5C3541

# Square

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



00484F



423D5A



5D3632



3B4426

# Rectangle

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



00484F



22435D



5D3632



4E3E23



# Sweetspot

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



00484F



476366



004F07



213133



B3B3B3



333333



# Same Dimension

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



00484F



005D66



00214F



222626



00D1E6

# Inverse Universe

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



4F0048



66005D



4F2E00



262226



E600D1

# Previews

## White Background



This preview shows how the Hex color 00484F looks on a white background.

## Color Contrast Check

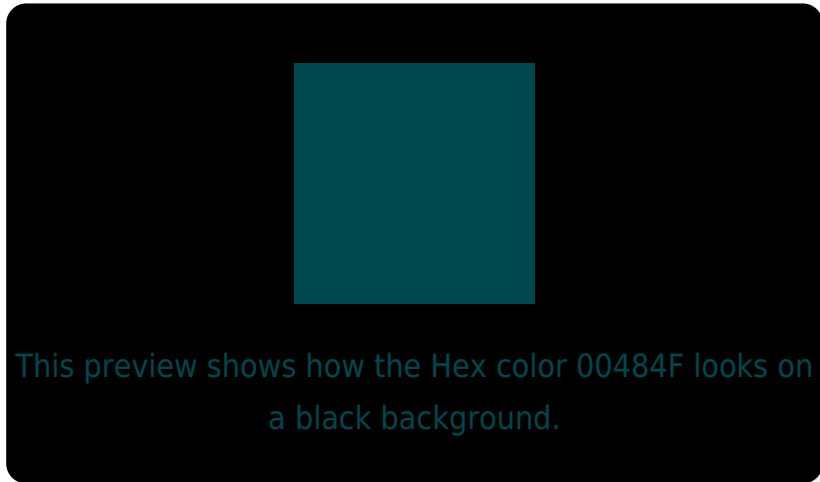
Large Text (above 18pt) WCAG AA ✓ Pass

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

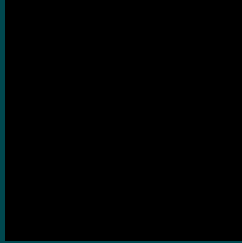
Any Text WCAG AA × Fail

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 00484F Background



This preview shows how black text looks on a background with the Hex color 00484F.

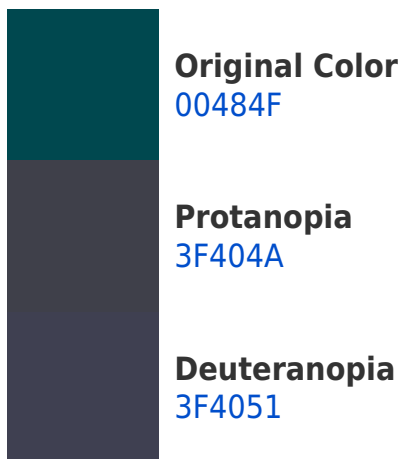


This preview shows how white text looks on a background with the Hex color 00484F.

# 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

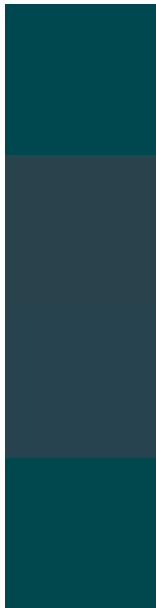






**Tritanopia**  
00484E

# Trichromacy



**Original Color**  
00484F

**Protanomaly**  
28434C

**Deuteranomaly**  
284350

**Tritanomaly**  
00484E

# Monochromacy



**Original Color**  
00484F

**Achromatopsia**  
333333

**Achromatomaly**  
203B3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00484F 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 #00484F looks like.

```
.text, #text, p{  
    color:#00484F  
}
```

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 #00484F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00484F
}
```

## Border

The CSS property to change the border of an element to Hex 00484F is called "border". The border property can be set on classes, ids or directly on the HTML element.

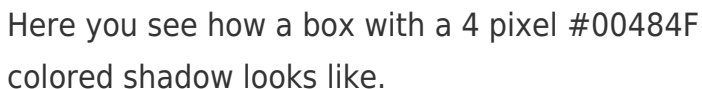
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00484F }
```

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

```
.border{ border-color:#00484F }
```

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



Here you see how a box with a 4 pixel #00484F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00484F; -webkit-box-shadow:4px 4px  
4px 4px #00484F; box-shadow:4px 4px 4px  
4px #00484F }
```

# Background

The CSS property to change the background color of an element to Hex 00484F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00484F }
```

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

```
.background{ background-color:#00484F }
```

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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