

# Converting Colors

Hex(483F60)

Have a look what the booklet for  
Hex(483F60) contains.

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# Color

**Hex(483F60)**

# Conversions

## Conversions Part 1

Format	Color
Hex	483F60
RGB	72, 63, 96
RGB Percent	28%, 25%, 38%
CMY	0.7176, 0.7529, 0.6235
CMYK	0.25, 0.34, 0.00, 0.62
HSL	256°, 21%, 31%
HSV	256°, 34%, 38%
XYZ	6.5613, 5.7773, 11.8356
YIQ	69.4530, -5.2290, 12.1710

# Conversions

## Conversions Part 2

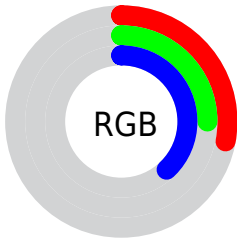
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 63, 96
Decimal	4734816
CIE Lab	28.84, 11.82, -18.13
CIE LCh	29, 21.645, 303.097
Yxy	5.7773, 0.2714, 0.2390
Android (android.graphics.Color)	4282924896 (0xFF483F60)
YUV	69.4530, 13.0877, 2.2337
Hunter-Lab	24.0359, 6.6639, -12.3701

# Details

The Hex color **483F60** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **57603F**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **796F93**, and **1B1532** is the 20% darker color. If you saturate the color by 10%, you get **413560**, and if you desaturate by 10%, it is **4F4960**.

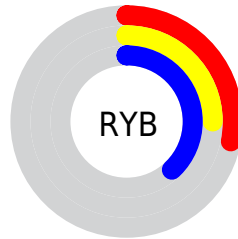
# Distribution



 Red (28%)

 Green (25%)

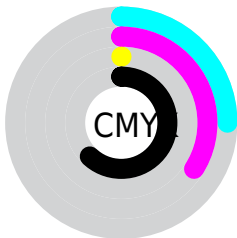
 Blue (38%)



 Red (28%)

 Yellow (25%)

 Blue (38%)

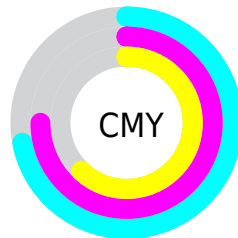


 Cyan (25%)

 Magenta (34%)

 Yellow (0%)

 Black (62%)



 Cyan (72%)

 Magenta (75%)

 Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 483F60 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 483F60 by changing the saturation by 10% instead.





483F60



483F60

FFFFFF



312948



796F93



1B1532



9388AD



00001D



AEA2C9



000000



C9BDE5



E6D9FF



FFF6FF



483F60



483F60



413560



4F4960

■ 3A2C60

■ 565260

■ 332260

■ 5D5C60

■ 2C1960

■ 646560

■ 250F60

■ 6B6F60

■ 1E0560

■ 727960

■ 1A0060

■ 798260

■ 808C60

■ 879560

# Harmonies

## Analogous

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



2D4565



483F60



5A3953

# Triad

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



483F60



5B3E27



0A4D45

# Complementary

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



483F60



57603F

# 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.



274B34



483F60



4D4422

# Square

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



483F60



633933



3B4827



004C56

# Rectangle

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



483F60



613749



3B4827



164D3F



# Sweetspot

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



483F60



74707D



3F5760



3A3840



BFBFBF



404040



# Same Dimension

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



483F60



584A7D



583F60



2D2C30



1F0070



4100F0



# Inverse Universe

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



603F57



7D4A6F



47603F



302C2F



700052



F000AE



# Previews

## White Background



This preview shows how the Hex color 483F60 looks on a white background.

## Color Contrast Check

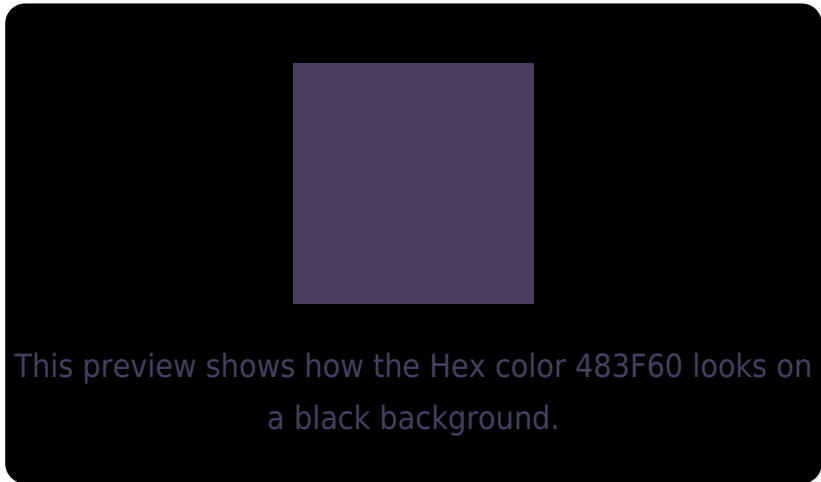
Large Text (above 18pt) WCAG AA ✓ Pass

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

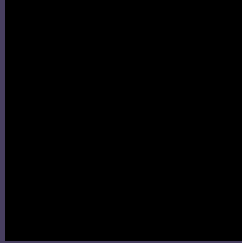
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 483F60 Background



This preview shows how black text looks on a background with the Hex color 483F60.

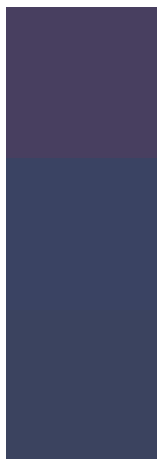


This preview shows how white text looks on a background with the Hex color 483F60.

# 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**  
483F60

**Protanopia**  
3A4363

**Deuteranopia**  
3B435F



**Tritanopia**  
444449

# Trichromacy



**Original Color**  
483F60

**Protanomaly**  
3F4262

**Deuteranomaly**  
40425F

**Tritanomaly**  
454251

# Monochromacy



**Original Color**  
483F60

**Achromatopsia**  
454545

**Achromatomaly**  
46434F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 483F60 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 #483F60 looks like.

```
.text, #text, p{  
    color:#483F60  
}
```

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 #483F60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #483F60  
}
```

## Border

The CSS property to change the border of an element to Hex 483F60 is called "border". The border property can be set on classes, ids or directly on the HTML element.

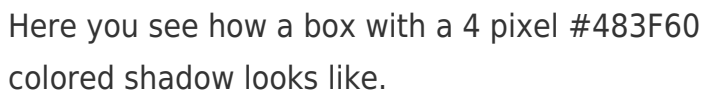
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#483F60 }
```

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

```
.border{ border-color:#483F60 }
```

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



Here you see how a box with a 4 pixel #483F60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #483F60; -webkit-box-shadow:4px 4px  
4px 4px #483F60; box-shadow:4px 4px 4px  
4px #483F60 }
```

# Background

The CSS property to change the background color of an element to Hex 483F60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#483F60 }
```

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

```
.background{ background-color:#483F60 }
```

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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