

# Converting Colors

Hex(3F5159)

Have a look what the booklet for  
Hex(3F5159) contains.

<b>Hex(3F5159)</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(3F5159)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F5159
RGB	63, 81, 89
RGB Percent	25%, 32%, 35%
CMY	0.7529, 0.6824, 0.6510
CMYK	0.29, 0.09, 0.00, 0.65
HSL	198°, 17%, 30%
HSV	198°, 29%, 35%
XYZ	6.7955, 7.6629, 10.5721
YIQ	76.5300, -13.2960, -1.3280

# Conversions

## Conversions Part 2

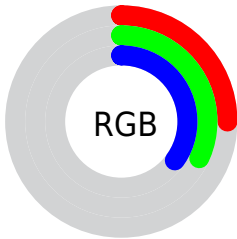
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 74, 89
Decimal	4149593
CIELab	33.27, -4.85, -6.97
CIELCh	33, 8.496, 235.178
Yxy	7.6629, 0.2715, 0.3061
Android (android.graphics.Color)	4282339673 (0xFF3F5159)
YUV	76.5300, 6.1477, -11.8658
Hunter-Lab	27.6819, -4.6243, -3.2663

# Details

The Hex color **3F5159** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **59473F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6F828B**, and **13242C** is the 20% darker color. If you saturate the color by 10%, you get **364E59**, and if you desaturate by 10%, it is **485459**.

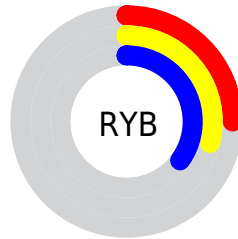
# Distribution



Red (25%)

Green (32%)

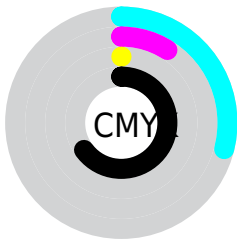
Blue (35%)



Red (25%)

Yellow (29%)

Blue (35%)

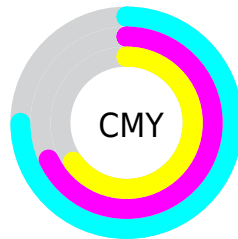


Cyan (29%)

Magenta (9%)

Yellow (0%)

Black (65%)



Cyan (75%)

Magenta (68%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F5159 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 3F5159 by changing the saturation by 10% instead.





3F5159



3F5159

FFFFFF



283A42



6F828B



13242C



899CA5



000F17



A3B7C0



000000



BFD3DC



DBEFF9



F7FFFF



3F5159



3F5159



364E59



485459

■ 2D4C59

■ 515659

■ 244959

■ 5A5959

■ 1B4659

■ 635C59

■ 134359

■ 6C5F59

■ 0A4159

■ 746159

■ 013E59

■ 7D6459

■ 003E59

■ 866759

■ 8F6A59

# Harmonies

## Analogous

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



3D5254



3F5159



464F5B

# Triad

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



3F5159



5B4A50



4D5042

# Complementary

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



3F5159



59473F

# 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.



554D41



3F5159



5D4A49

# Square

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



3F5159



564B56



5A4B43



465146

# Rectangle

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



3F5159



4B4E5B



5A4B43



504F41



# Sweetspot

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



3F5159



687073



3F5947



34393B



BABABA



3B3B3B



# Same Dimension

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



3F5159



4B6673



3F4459



272A2B



004A6B



00A2EB



# Inverse Universe

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



593F51



734B66



59543F



2B272A



6B004A



EB00A2



# Previews

## White Background



This preview shows how the Hex color 3F5159 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

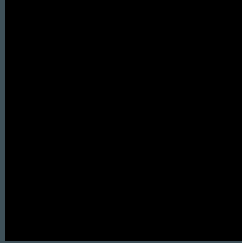
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F5159 Background



This preview shows how black text looks on a background with the Hex color 3F5159.



This preview shows how white text looks on a background with the Hex color 3F5159.

# 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**  
3F5159

**Protanopia**  
4D4E57

**Deuteranopia**  
504C5A



# Trichromacy



**Original Color**  
3F5159

**Protanomaly**  
484F58

**Deuteranomaly**  
4A4E5A

**Tritanomaly**  
3F5158

# Monochromacy



**Original Color**  
3F5159

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
484E51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F5159 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 #3F5159 looks like.

```
.text, #text, p{  
    color:#3F5159  
}
```

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 #3F5159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5159
}
```

## Border

The CSS property to change the border of an element to Hex 3F5159 is called "border". The border property can be set on classes, ids or directly on the HTML element.

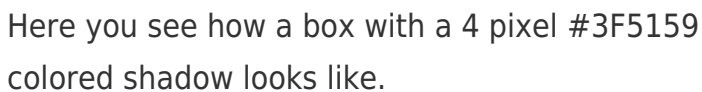
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F5159 }
```

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

```
.border{ border-color:#3F5159 }
```

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



Here you see how a box with a 4 pixel #3F5159 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5159; -webkit-box-shadow:4px 4px  
4px 4px #3F5159; box-shadow:4px 4px 4px  
4px #3F5159 }
```

# Background

The CSS property to change the background color of an element to Hex 3F5159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5159 }
```

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

```
.background{ background-color:#3F5159 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor