

# Converting Colors

Hex(3F5F4D)

Have a look what the booklet for  
Hex(3F5F4D) contains.

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# Color

**Hex(3F5F4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F5F4D
RGB	63, 95, 77
RGB Percent	25%, 37%, 30%
CMY	0.7529, 0.6275, 0.6980
CMYK	0.34, 0.00, 0.19, 0.63
HSL	146°, 20%, 31%
HSV	146°, 34%, 37%
XYZ	7.4817, 9.7770, 8.5140
YIQ	83.3800, -13.2940, -12.3820

# Conversions

## Conversions Part 2

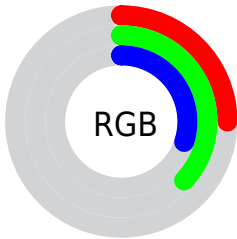
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 85, 95
Decimal	4153165
CIELab	37.44, -16.06, 6.61
CIELCh	37, 17.366, 157.618
Yxy	9.7770, 0.2903, 0.3794
Android (android.graphics.Color)	4282343245 (0xFF3F5F4D)
YUV	83.3800, -3.1453, -17.8733
Hunter-Lab	31.2682, -12.0090, 5.7437

# Details

The Hex color **3F5F4D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F3F51**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **70927E**, and **123121** is the 20% darker color. If you saturate the color by 10%, you get **365F48**, and if you desaturate by 10%, it is **495F52**.

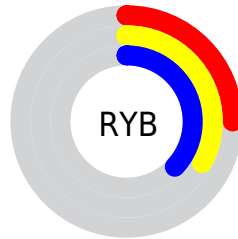
# Distribution



Red (25%)

Green (37%)

Blue (30%)



Red (25%)

Yellow (33%)

Blue (37%)

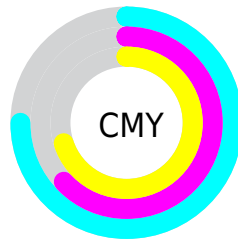


Cyan (34%)

Magenta (0%)

Yellow (19%)

Black (63%)



Cyan (75%)

Magenta (63%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F5F4D 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 3F5F4D by changing the saturation by 10% instead.





3F5F4D



3F5F4D

FFFFFF



284736



70927E



123121



89AC98



001C0A



A4C8B3



000000



BFE4CE



DBFFEA



F8FFFF



3F5F4D



3F5F4D



365F48



495F52

 2C5F42

 525F58

 235F3D

 5C5F5D

 195F38

 655F62

 105F32

 6F5F68

 065F2D

 785F6D

 005F2A

 825F72

 8B5F78

 955F7D

# Harmonies

## Analogous

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



4F5C42



3F5F4D



31605B

# Triad

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



3F5F4D



4B5874



735048

# Complementary

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



3F5F4D



5F3F51

# 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.



744E55



3F5F4D



5F536E

# Square

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



3F5F4D



385C72



6D4F63



6B543F

# Rectangle

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



3F5F4D



2D6065



6D4F63



744F4C



# Sweetspot

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



3F5F4D



6E7A74



515F3F



363D39



BDBDBD



3D3D3D



# Same Dimension

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



3F5F4D



497A5F



3F5F5D



2C302E



007031



00F069



# Inverse Universe

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



5F3F51



7A4965



5F3F41



302C2E



70003F



F00087



# Previews

## White Background



This preview shows how the Hex color 3F5F4D looks on a white background.

## Color Contrast Check

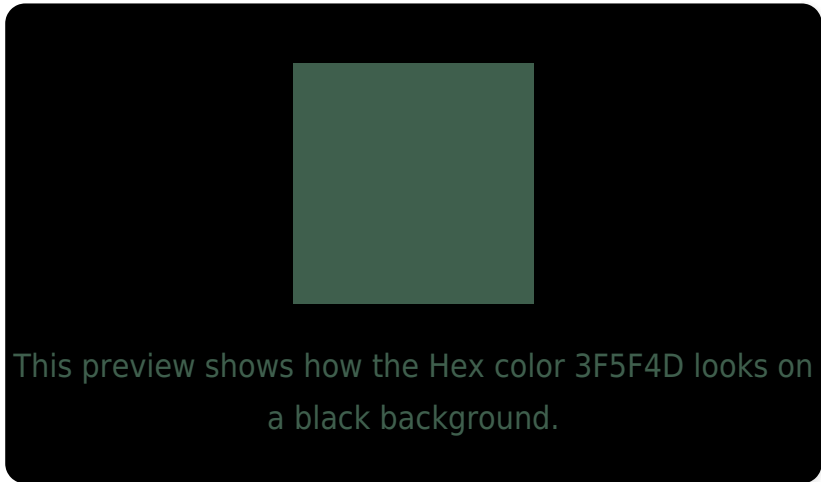
Large Text (above 18pt) WCAG AA ✓ Pass

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

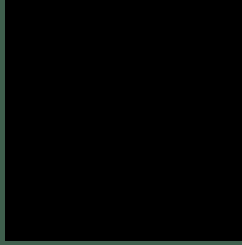
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F5F4D Background



This preview shows how black text looks on a background with the Hex color 3F5F4D.



This preview shows how white text looks on a background with the Hex color 3F5F4D.

# 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**  
3F5F4D

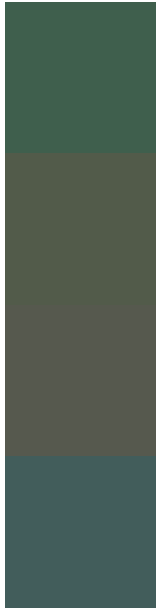
**Protanopia**  
5D5849

**Deuteranopia**  
63554F



**Tritanopia**  
445C63

# Trichromacy



**Original Color**  
3F5F4D

**Protanomaly**  
525B4A

**Deuteranomaly**  
56594E

**Tritanomaly**  
425D5B

# Monochromacy



**Original Color**  
3F5F4D

**Achromatopsia**  
535353

**Achromatomaly**  
4C5751

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F5F4D 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 #3F5F4D looks like.

```
.text, #text, p{  
    color:#3F5F4D  
}
```

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 #3F5F4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5F4D
}
```

## Border

The CSS property to change the border of an element to Hex 3F5F4D 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
#3F5F4D }
```

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

```
.border{ border-color:#3F5F4D }
```

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

Here you see how a box with a 4 pixel #3F5F4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5F4D; -webkit-box-shadow:4px 4px  
4px 4px #3F5F4D; box-shadow:4px 4px 4px  
4px #3F5F4D }
```

# Background

The CSS property to change the background color of an element to Hex 3F5F4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5F4D }
```

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

```
.background{ background-color:#3F5F4D }
```

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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