

# Converting Colors

Hex(3F4A5D)

Have a look what the booklet for  
Hex(3F4A5D) contains.

<b>Hex(3F4A5D)</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(3F4A5D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F4A5D
RGB	63, 74, 93
RGB Percent	25%, 29%, 36%
CMY	0.7529, 0.7098, 0.6353
CMYK	0.32, 0.20, 0.00, 0.64
HSL	218°, 19%, 31%
HSV	218°, 32%, 36%
XYZ	6.4745, 6.7446, 11.3165
YIQ	72.8770, -12.6550, 3.5770

# Conversions

## Conversions Part 2

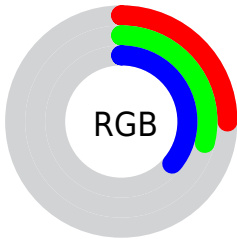
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 71, 93
Decimal	4147805
CIELab	31.22, 0.67, -12.62
CIElCh	31, 12.640, 273.056
Yxy	6.7446, 0.2639, 0.2749
Android (android.graphics.Color)	4282337885 (0xFF3F4A5D)
YUV	72.8770, 9.9206, -8.6621
Hunter-Lab	25.9704, -0.9480, -7.6561

# Details

The Hex color **3F4A5D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5D523F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6F7B8F**, and **131E2F** is the 20% darker color. If you saturate the color by 10%, you get **36445D**, and if you desaturate by 10%, it is **48505D**.

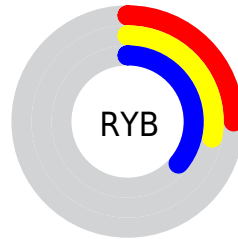
# Distribution



Red (25%)

Green (29%)

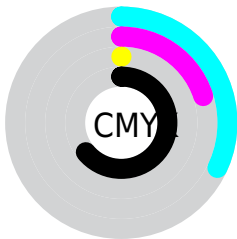
Blue (36%)



Red (25%)

Yellow (28%)

Blue (36%)

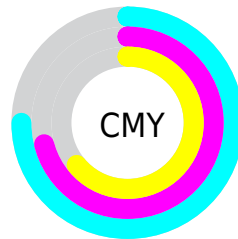


Cyan (32%)

Magenta (20%)

Yellow (0%)

Black (64%)



Cyan (75%)

Magenta (71%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F4A5D 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 3F4A5D by changing the saturation by 10% instead.



■ 3F4A5D

■ 3F4A5D

FFFFFF

■ 283345

■ 6F7B8F

■ 131E2F

■ 8994AA

■ 00051B

■ A4AFC5

■ 000000

■ BFCAE1

■ DBE6FE

■ F7FFFF

■ 3F4A5D

■ 3F4A5D

■ 36445D

■ 48505D

■ 2C3E5D

■ 52565D

■ 23385D

■ 5B5C5D

■ 1A325D

■ 64625D

■ 112D5D

■ 6E675D

■ 07275D

■ 776D5D

■ 00225D

■ 80735D

■ 89795D

■ 937F5D

# Harmonies

## Analogous

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



334D5B



3F4A5D



4C475A

# Triad

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



3F4A5D



5D433F



3A4E40

# Complementary

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



3F4A5D



5D523F

# 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.



454C39



3F4A5D



584638

# Square

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



3F4A5D



5D4249



504936



314F4A

# Rectangle

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



3F4A5D



544555



504936



3D4E3D



# Sweetspot

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



3F4A5D



6C7078



3F5D52



36393D



BDBDBD



3D3D3D



# Same Dimension

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



3F4A5D



495A78



433F5D



292B2E



00286E



0057ED



# Inverse Universe

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



5D3F4A



78495A



595D3F



2E292B



6E0028

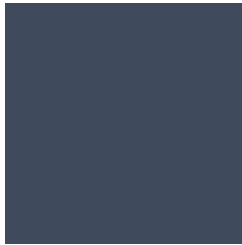


ED0057



# Previews

## White Background



This preview shows how the Hex color 3F4A5D looks on a white background.

## Color Contrast Check

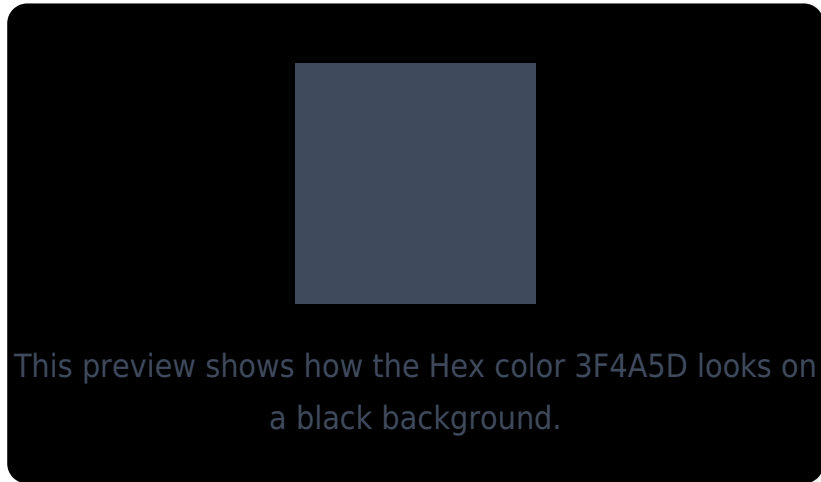
Large Text (above 18pt) WCAG AA ✓ Pass

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

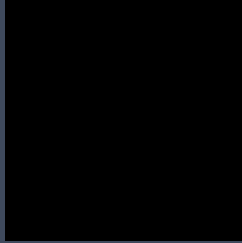
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

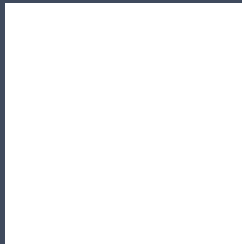
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3F4A5D Background



This preview shows how black text looks on a background with the Hex color 3F4A5D.

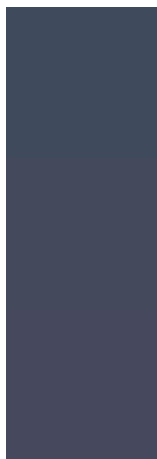


This preview shows how white text looks on a background with the Hex color 3F4A5D.

# 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**

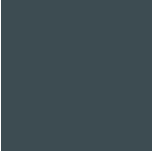
3F4A5D

**Protanopia**

45495C

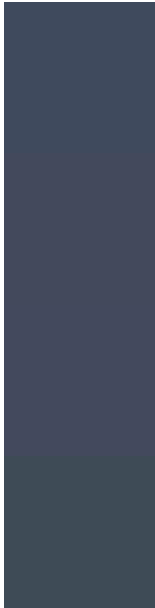
**Deuteranopia**

46485D



**Tritanopia**  
3D4C52

# Trichromacy



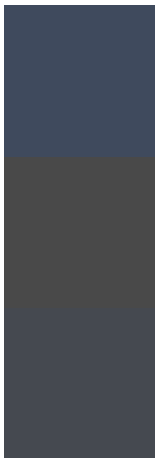
**Original Color**  
3F4A5D

**Protanomaly**  
43495C

**Deuteranomaly**  
43495D

**Tritanomaly**  
3E4B56

# Monochromacy



**Original Color**  
3F4A5D

**Achromatopsia**  
494949

**Achromatomaly**  
454950

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F4A5D 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 #3F4A5D looks like.

```
.text, #text, p{  
    color:#3F4A5D  
}
```

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 #3F4A5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4A5D
}
```

## Border

The CSS property to change the border of an element to Hex 3F4A5D is called "border". The border property can be set on classes, ids or directly on the HTML element.

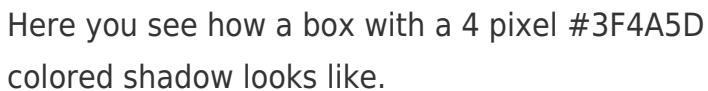
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F4A5D }
```

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

```
.border{ border-color:#3F4A5D }
```

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



Here you see how a box with a 4 pixel #3F4A5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4A5D; -webkit-box-shadow:4px 4px  
4px 4px #3F4A5D; box-shadow:4px 4px 4px  
4px #3F4A5D }
```

# Background

The CSS property to change the background color of an element to Hex 3F4A5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4A5D }
```

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

```
.background{ background-color:#3F4A5D }
```

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