

# Converting Colors

Hex(3F425C)

Have a look what the booklet for  
Hex(3F425C) contains.

<b>Hex(3F425C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(3F425C)

# Conversions

## Conversions Part 1

Format	Color
Hex	3F425C
RGB	63, 66, 92
RGB Percent	25%, 26%, 36%
CMY	0.7529, 0.7412, 0.6392
CMYK	0.32, 0.28, 0.00, 0.64
HSL	234°, 19%, 30%
HSV	234°, 32%, 36%
XYZ	5.9299, 5.7259, 10.9179
YIQ	68.0670, -10.1340, 7.4500

# Conversions

## Conversions Part 2

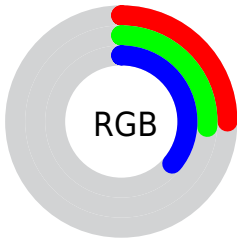
Format	Color
<a href="#">RYB</a>	<a href="#">63, 66, 92</a>
Decimal	<a href="#">4145756</a>
CIELab	<a href="#">28.71, 5.59, -15.83</a>
CIElCh	<a href="#">29, 16.788, 289.455</a>
Yxy	<a href="#">5.7259, 0.2627, 0.2537</a>
Android (android.graphics.Color)	<a href="#">4282335836</a> ( <a href="#">0xFF3F425C</a> )
YUV	<a href="#">68.0670, 11.7990, -4.4438</a>
Hunter-Lab	<a href="#">23.9288, 2.3591, -10.3017</a>

# Details

The Hex color **3F425C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C593F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6F728E**, and **13182E** is the 20% darker color. If you saturate the color by 10%, you get **363A5C**, and if you desaturate by 10%, it is **484A5C**.

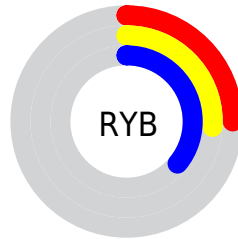
# Distribution



 Red (25%)

 Green (26%)

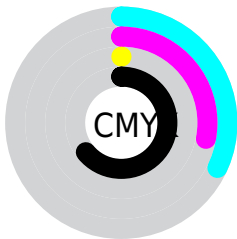
 Blue (36%)



 Red (25%)

 Yellow (26%)

 Blue (36%)

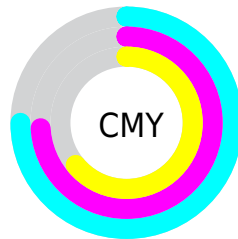


 Cyan (32%)


 Magenta (28%)

 Yellow (0%)

 Black (64%)



 Cyan (75%)

 Magenta (74%)

 Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F425C 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 3F425C by changing the saturation by 10% instead.





3F425C



3F425C

FFFFFF



282C44



6F728E



13182E



898BA9



00011A



A4A6C4



000000



BFC1E0



DBDDFD



F7F9FF



3F425C



3F425C



363A5C



484A5C

■ 2D325C

■ 51525C

■ 23295C

■ 5B5B5C

■ 1A215C

■ 64635C

■ 11195C

■ 6D6B5C

■ 08115C

■ 76735C

■ 000A5C

■ 7F7C5C

■ 89845C

■ 928C5C

# Harmonies

## Analogous

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



2B465D



3F425C



503D55

# Triad

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



3F425C



5A3D31



264A3F

# Complementary

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



3F425C



5C593F

# 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.



354932



3F425C



51412A

# Square

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



3F425C



5D3A3C



44462B



194B4C

# Rectangle

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



3F425C



573B4D



44462B



2B4A3A



# Sweetspot

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



3F425C



6D6E78



3F5C59



36373D



BDBDBD



3D3D3D



# Same Dimension

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



3F425C



4A4F78



4A3F5C



292A2E



000B6E



0019ED



# Inverse Universe

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



5C3F42



784A4F



515C3F



2E292A



6E000B



ED0019



# Previews

## White Background



This preview shows how the Hex color 3F425C looks on a white background.

## Color Contrast Check

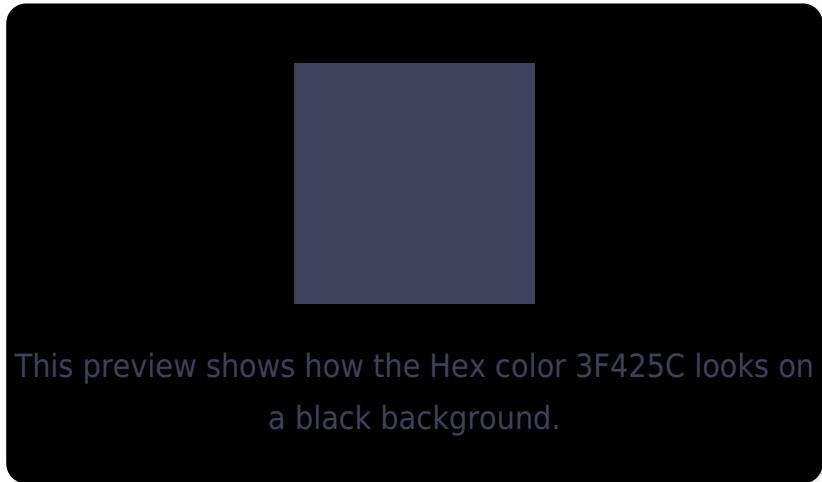
Large Text (above 18pt) WCAG AA ✓ Pass

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

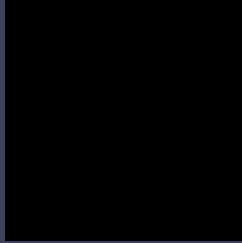
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F425C Background



This preview shows how black text looks on a background with the Hex color 3F425C.



This preview shows how white text looks on a background with the Hex color 3F425C.

# 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**

3F425C

**Protanopia**

3C435D

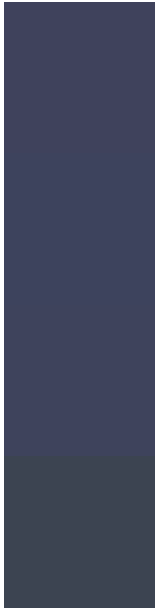
**Deuteranopia**

3D435C



**Tritanopia**  
3B454B

# Trichromacy



**Original Color**  
3F425C

**Protanomaly**  
3D435D

**Deuteranomaly**  
3E435C

**Tritanomaly**  
3C4451

# Monochromacy



**Original Color**  
3F425C

**Achromatopsia**  
444444

**Achromatomaly**  
42434D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F425C 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 #3F425C looks like.

```
.text, #text, p{  
    color:#3F425C  
}
```

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 #3F425C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F425C
}
```

## Border

The CSS property to change the border of an element to Hex 3F425C is called "border". The border property can be set on classes, ids or directly on the HTML element.

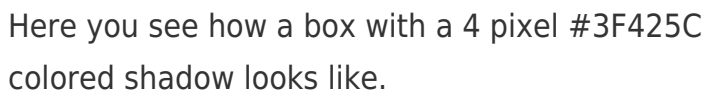
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F425C }
```

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

```
.border{ border-color:#3F425C }
```

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



Here you see how a box with a 4 pixel #3F425C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F425C; -webkit-box-shadow:4px 4px  
4px 4px #3F425C; box-shadow:4px 4px 4px  
4px #3F425C }
```

# Background

The CSS property to change the background color of an element to Hex 3F425C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F425C }
```

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

```
.background{ background-color:#3F425C }
```

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