

Converting Colors

Hex(3F415E)

Have a look what the booklet for
Hex(3F415E) contains.

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Color

Hex(3F415E)

Conversions

Conversions Part 1

Format	Color
Hex	3F415E
RGB	63, 65, 94
RGB Percent	25%, 25%, 37%
CMY	0.7529, 0.7451, 0.6314
CMYK	0.33, 0.31, 0.00, 0.63
HSL	236°, 20%, 31%
HSV	236°, 33%, 37%
XYZ	5.9606, 5.6455, 11.3652
YIQ	67.7080, -10.5010, 8.5950

Conversions

Conversions Part 2

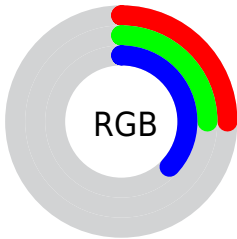
Format	Color
RYB	63, 65, 94
Decimal	4145502
CIELab	28.50, 6.84, -17.44
CIElCh	28, 18.737, 291.409
Yxy	5.6455, 0.2595, 0.2458
Android (android.graphics.Color)	4282335582 (0xFF3F415E)
YUV	67.7080, 12.9620, -4.1289
Hunter-Lab	23.7603, 3.1986, -11.7279

Details

The Hex color **3F415E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5E5C3F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **707191**, and **121730** is the 20% darker color. If you saturate the color by 10%, you get **36385E**, and if you desaturate by 10%, it is **484A5E**.

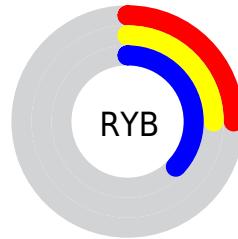
Distribution



Red (25%)

Green (25%)

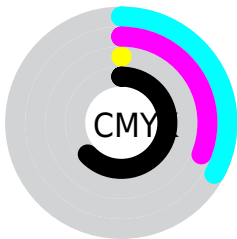
Blue (37%)



Red (25%)

Yellow (25%)

Blue (37%)

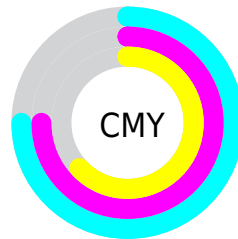


Cyan (33%)

Magenta (31%)

Yellow (0%)

Black (63%)



Cyan (75%)

Magenta (75%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F415E 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 3F415E by changing the saturation by 10% instead.

■ 3F415E

■ 3F415E

FFFFFF

■ 282B46

■ 707191

■ 121730

■ 898AAB

■ 00011B

■ A4A4C6

■ 000000

■ BFBFE2

■ DBDBFF

■ F8F8FF

■ 3F415E

■ 3F415E

■ 36385E

■ 484A5E

■ 2C2F5E

■ 52535E

■ 23275E

■ 5B5B5E

■ 191E5E

■ 65645E

■ 10155E

■ 6E6D5E

■ 070C5E

■ 77765E

■ 00065E

■ 817F5E

■ 8A875E

■ 94905E

Harmonies

Analogous

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



28465F



3F415E



513C55

Triad

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



3F415E



5B3C2D



1F4B3E

Complementary

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



3F415E



5E5C3F

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.



324931



3F415E



514127

Square

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



3F415E



603939



424628



0E4B4D

Rectangle

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



3F415E



5A394D



424628



264A3A

Sweetspot

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



3F415E



6E6F7A



3F5E5C



36363D



BDBDBD



3D3D3D

Same Dimension

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



3F415E



494D7A



4C3F5E



292A2E



00076E



000FED

Inverse Universe

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



5E3F41



7A494D



515E3F



2E292A



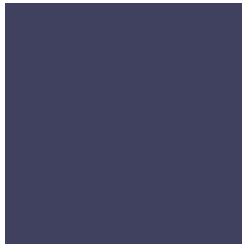
6E0007



ED000F

Previews

White Background



This preview shows how the Hex color 3F415E looks on a white background.

Color Contrast Check

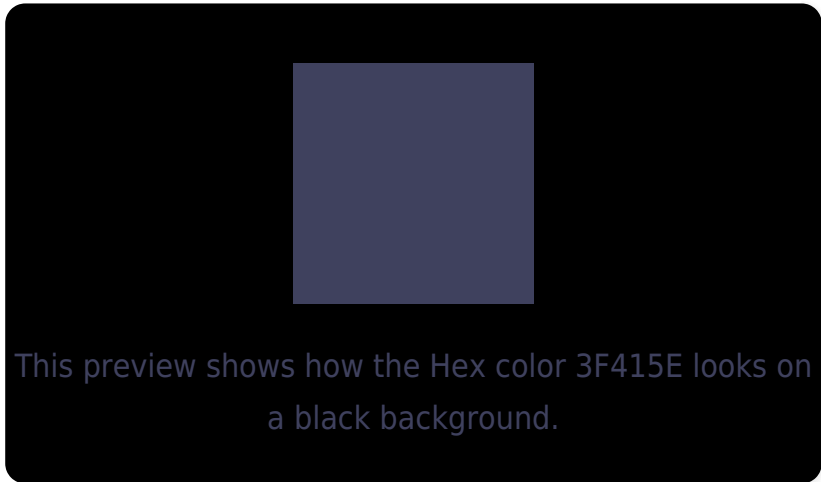
Large Text (above 18pt) WCAG AA ✓ Pass

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

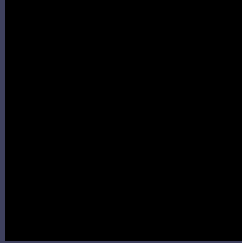
Any Text WCAG AA × Fail

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 3F415E Background



This preview shows how black text looks on a background with the Hex color 3F415E.



This preview shows how white text looks on a background with the Hex color 3F415E.

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
3F415E

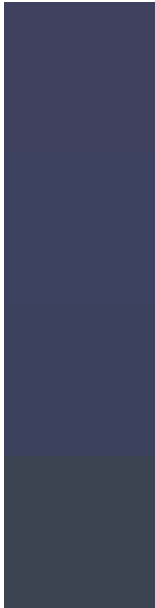
Protanopia
3A425F

Deuteranopia
3A425E



Tritanopia
3B454A

Trichromacy



Original Color
3F415E

Protanomaly
3C425F

Deuteranomaly
3C425E

Tritanomaly
3C4451

Monochromacy



Original Color
3F415E

Achromatopsia
444444

Achromatomaly
42434D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F415E 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 #3F415E looks like.

```
.text, #text, p{  
  color:#3F415E  
}
```

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 #3F415E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F415E
}
```

Border

The CSS property to change the border of an element to Hex 3F415E is called "border". The border property can be set on classes, ids or directly on the HTML element.

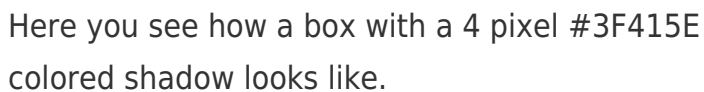
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F415E }
```

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

```
.border{ border-color:#3F415E }
```

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



Here you see how a box with a 4 pixel #3F415E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F415E; -webkit-box-shadow:4px 4px  
4px 4px #3F415E; box-shadow:4px 4px 4px  
4px #3F415E }
```

Background

The CSS property to change the background color of an element to Hex 3F415E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F415E }
```

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

```
.background{ background-color:#3F415E }
```

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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