

Converting Colors

Hex(3F435C)

Have a look what the booklet for
Hex(3F435C) contains.

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Color

Hex(3F435C)

Conversions

Conversions Part 1

Format	Color
Hex	3F435C
RGB	63, 67, 92
RGB Percent	25%, 26%, 36%
CMY	0.7529, 0.7373, 0.6392
CMYK	0.32, 0.27, 0.00, 0.64
HSL	232°, 19%, 30%
HSV	232°, 32%, 36%
XYZ	5.9888, 5.8438, 10.9375
YIQ	68.6540, -10.4090, 6.9270

Conversions

Conversions Part 2

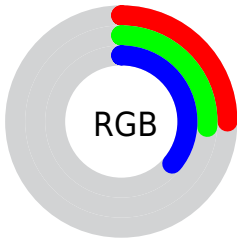
Format	Color
RYB	63, 67, 92
Decimal	4146012
CIELab	29.01, 4.93, -15.36
CIElCh	29, 16.132, 287.805
Yxy	5.8438, 0.2630, 0.2566
Android (android.graphics.Color)	4282336092 (0xFF3F435C)
YUV	68.6540, 11.5096, -4.9586
Hunter-Lab	24.1739, 1.9171, -9.9041

Details

The Hex color **3F435C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5C583F**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6F738E**, and **13182E** is the 20% darker color. If you saturate the color by 10%, you get **363B5C**, and if you desaturate by 10%, it is **484B5C**.

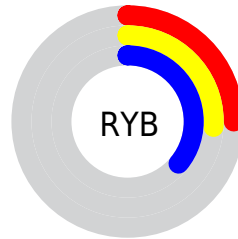
Distribution



Red (25%)

Green (26%)

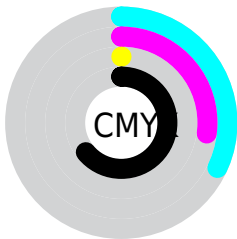
Blue (36%)



Red (25%)

Yellow (26%)

Blue (36%)

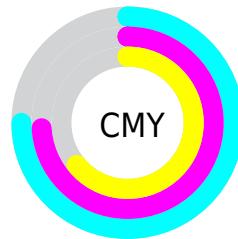


Cyan (32%)

Magenta (27%)

Yellow (0%)

Black (64%)



Cyan (75%)

Magenta (74%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F435C 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 3F435C by changing the saturation by 10% instead.

■ 3F435C

■ 3F435C

FFFFFF

■ 282D44

■ 6F738E

■ 13182E

■ 898CA9

■ 00011A

■ A4A7C4

■ 000000

■ BFC2E0

■ DBDEFD

■ F7FAFF

■ 3F435C

■ 3F435C

■ 363B5C

■ 484B5C

■ 2D335C

■ 51535C

■ 232B5C

■ 5B5B5C

■ 1A235C

■ 64635C

■ 111B5C

■ 6D6B5C

■ 08135C

■ 76735C

■ 000D5C

■ 7F7B5C

■ 89825C

■ 928A5C

Harmonies

Analogous

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



2C475C



3F435C



4F3F55

Triad

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



3F435C



5A3E32



294B3F

Complementary

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



3F435C



5C583F

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.



374933



3F435C



52422C

Square

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



3F435C



5D3B3D



46462C



1D4B4C

Rectangle

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



3F435C



573C4E



46462C



2E4A3B

Sweetspot

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



3F435C



6D6F78



3F5C58



36373D



BDBDBD



3D3D3D

Same Dimension

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



3F435C



4A5178



493F5C



292A2E



000F6E



0021ED

Inverse Universe

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



5C3F43



784A51



525C3F



2E292A



6E000F



ED0021

Previews

White Background



This preview shows how the Hex color 3F435C looks on a white background.

Color Contrast Check

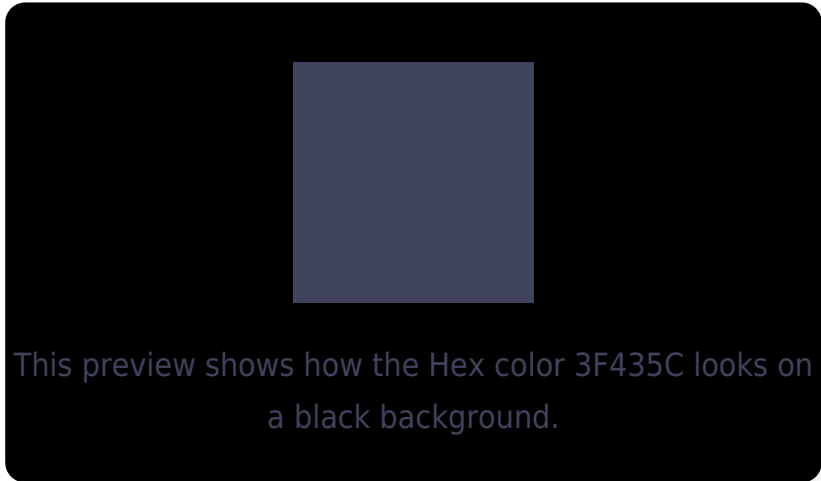
Large Text (above 18pt) WCAG AA ✓ Pass

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

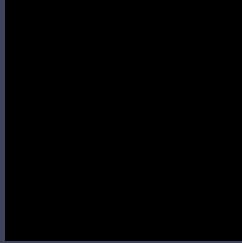
Any Text WCAG AA × Fail

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 3F435C Background



This preview shows how black text looks on a background with the Hex color 3F435C.

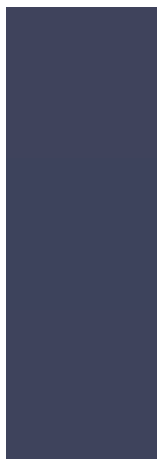


This preview shows how white text looks on a background with the Hex color 3F435C.

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
3F435C

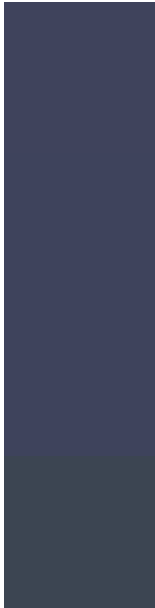
Protanopia
3D435C

Deuteranopia
3E435C



Tritanopia
3B464C

Trichromacy



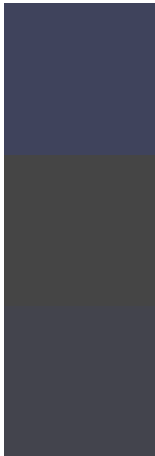
Original Color
3F435C

Protanomaly
3E435C

Deuteranomaly
3E435C

Tritanomaly
3C4552

Monochromacy



Original Color
3F435C

Achromatopsia
454545

Achromatomaly
43444D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F435C 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 #3F435C looks like.

```
.text, #text, p{  
    color:#3F435C  
}
```

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 #3F435C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F435C
}
```

Border

The CSS property to change the border of an element to Hex 3F435C is called "border". The border property can be set on classes, ids or directly on the HTML element.

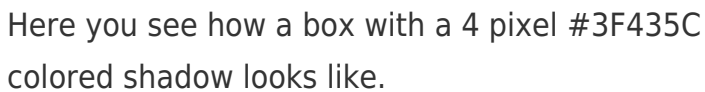
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F435C }
```

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

```
.border{ border-color:#3F435C }
```

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



Here you see how a box with a 4 pixel #3F435C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F435C; -webkit-box-shadow:4px 4px  
4px 4px #3F435C; box-shadow:4px 4px 4px  
4px #3F435C }
```

Background

The CSS property to change the background color of an element to Hex 3F435C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F435C }
```

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

```
.background{ background-color:#3F435C }
```

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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