

Converting Colors

Hex(3F315F)

Have a look what the booklet for
Hex(3F315F) contains.

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Color

Hex(3F315F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3F315F |
| RGB | 63, 49, 95 |
| RGB Percent | 25%, 19%, 37% |
| CMY | 0.7529, 0.8078, 0.6275 |
| CMYK | 0.34, 0.48, 0.00, 0.63 |
| HSL | 258°, 32%, 28% |
| HSV | 258°, 48%, 37% |
| XYZ | 5.2138, 4.0796, 11.3391 |
| YIQ | 58.4300, -6.4220, 17.2740 |

Conversions

Conversions Part 2

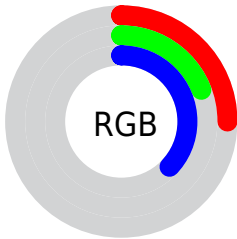
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 63, 49, 95 |
| Decimal | 4141407 |
| CIELab | 23.93, 17.86, -25.25 |
| CIELCh | 24, 30.922, 305.270 |
| Yxy | 4.0796, 0.2527, 0.1977 |
| Android (android.graphics.Color) | 4282331487 (0xFF3F315F) |
| YUV | 58.4300, 18.0290, 4.0079 |
| Hunter-Lab | 20.1980, 10.7301, -19.1466 |

Details

The Hex color **3F315F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **515F31**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **705F92**, and **130430** is the 20% darker color. If you saturate the color by 10%, you get **38285F**, and if you desaturate by 10%, it is **463B5F**.

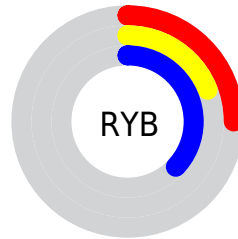
Distribution



Red (25%)

Green (19%)

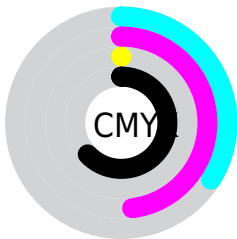
Blue (37%)



Red (25%)

Yellow (19%)

Blue (37%)

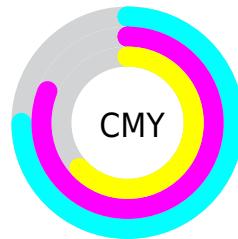


Cyan (34%)

Magenta (48%)

Yellow (0%)

Black (63%)



Cyan (75%)

Magenta (81%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F315F 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 3F315F by changing the saturation by 10% instead.

■ 3F315F

■ 3F315F

FFFFFF

■ 281C47

■ 705F92

■ 130430

■ 8A78AC

■ 00011B

■ A592C8

■ 000000

■ C0ADE4

■ DCC8FF

■ F9E4FF

■ 3F315F

■ 3F315F

■ 38285F

■ 463B5F

■ 321E5F

■ 4C445F

■ 2B155F

■ 534E5F

■ 250B5F

■ 59575F

■ 1E025F

■ 60615F

■ 1D005F

■ 676A5F

■ 6D745F

■ 747D5F

■ 7A875F

Harmonies

Analogous

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



073A67



3F315F



58274D

Triad

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



3F315F



54310D



00443C

Complementary

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



3F315F



515F31

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.



004325



3F315F



413905

Square

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



3F315F



60271F



293F10



004353

Rectangle

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



3F315F



61233E



293F10



004434

Sweetspot

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



3F315F



6E687A



31515F



36323D



BDBDBD



3D3D3D

Same Dimension

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



3F315F



49337A



56315F



2D2C30



220070



4900F0

Inverse Universe

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



5F3151



7A3365



3A5F31



302C2F



70004E



F000A7

Previews

White Background



This preview shows how the Hex color 3F315F looks on a white background.

Color Contrast Check

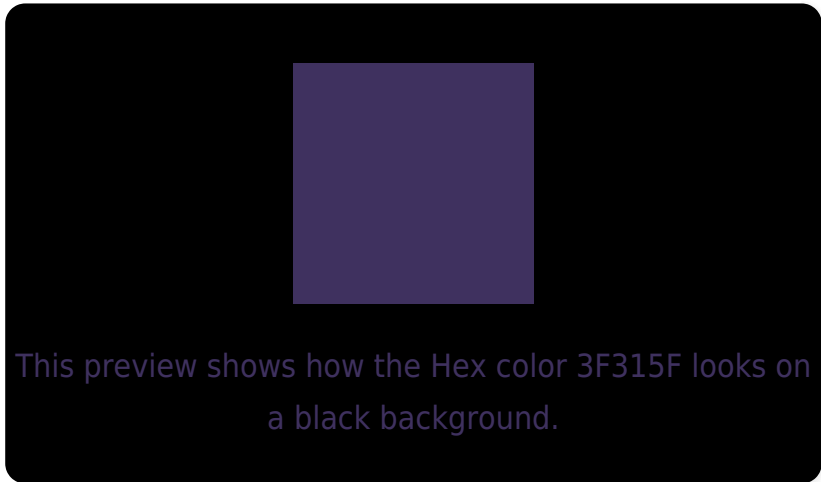
Large Text (above 18pt) WCAG AA ✓ Pass

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

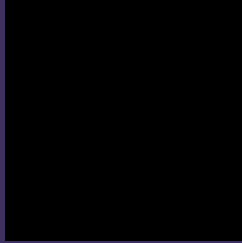
Any Text WCAG AA × Fail

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 3F315F Background



This preview shows how black text looks on a background with the Hex color 3F315F.



This preview shows how white text looks on a background with the Hex color 3F315F.

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](#).

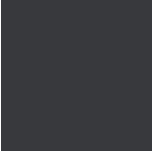
Dichromacy



Original Color
3F315F

Protanopia
243865

Deuteranopia
23395D



Tritanopia
38393D

Trichromacy



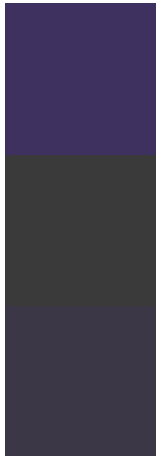
Original Color
3F315F

Protanomaly
2E3563

Deuteranomaly
2D365E

Tritanomaly
3B3649

Monochromacy



Original Color
3F315F

Achromatopsia
3A3A3A

Achromatomaly
3C3747

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F315F 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 #3F315F looks like.

```
.text, #text, p{  
    color:#3F315F  
}
```

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 #3F315F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F315F
}
```

Border

The CSS property to change the border of an element to Hex 3F315F is called "border". The border property can be set on classes, ids or directly on the HTML element.

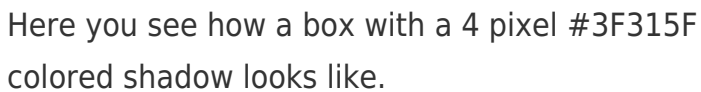
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F315F }
```

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

```
.border{ border-color:#3F315F }
```

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



Here you see how a box with a 4 pixel #3F315F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F315F; -webkit-box-shadow:4px 4px  
4px 4px #3F315F; box-shadow:4px 4px 4px  
4px #3F315F }
```

Background

The CSS property to change the background color of an element to Hex 3F315F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F315F }
```

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

```
.background{ background-color:#3F315F }
```

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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