

Converting Colors

Hex(3F3A56)

Have a look what the booklet for
Hex(3F3A56) contains.

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Color

Hex(3F3A56)

Conversions

Conversions Part 1

Format	Color
Hex	3F3A56
RGB	63, 58, 86
RGB Percent	25%, 23%, 34%
CMY	0.7529, 0.7725, 0.6627
CMYK	0.27, 0.33, 0.00, 0.66
HSL	251°, 19%, 28%
HSV	251°, 33%, 34%
XYZ	5.2427, 4.7548, 9.4455
YIQ	62.6870, -6.0080, 9.7680

Conversions

Conversions Part 2

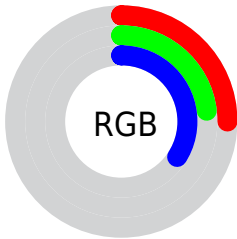
Format	Color
RYB	63, 58, 86
Decimal	4143702
CIELab	26.02, 9.19, -16.08
CIElCh	26, 18.521, 299.751
Yxy	4.7548, 0.2696, 0.2445
Android (android.graphics.Color)	4282333782 (0xFF3F3A56)
YUV	62.6870, 11.4933, 0.2745
Hunter-Lab	21.8054, 4.7572, -10.4191

Details

The Hex color **3F3A56** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **51563A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6F6988**, and **141029** is the 20% darker color. If you saturate the color by 10%, you get **383156**, and if you desaturate by 10%, it is **464356**.

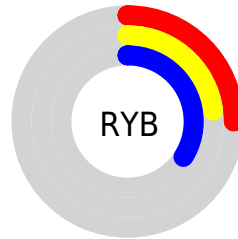
Distribution



Red (25%)

Green (23%)

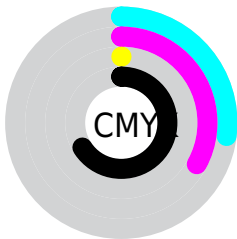
Blue (34%)



Red (25%)

Yellow (23%)

Blue (34%)

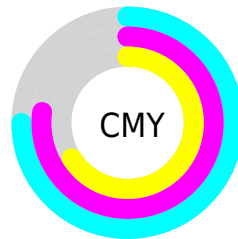


Cyan (27%)

Magenta (33%)

Yellow (0%)

Black (66%)



Cyan (75%)

Magenta (77%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F3A56 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 3F3A56 by changing the saturation by 10% instead.



3F3A56



3F3A56

FFFFFF



29243F



6F6988



141029



8982A2



000114



A39CBD



000000



BEB7D9



DAD3F6



F7EFFF



3F3A56



3F3A56



383156



464356

■ 312956

■ 4D4B56

■ 2A2056

■ 545456

■ 231856

■ 5B5C56

■ 1C0F56

■ 626556

■ 150656

■ 696E56

■ 0F0056

■ 707656

■ 787F56

■ 7F8756

Harmonies

Analogous

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



293F5A



3F3A56



4F354C

Triad

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



3F3A56



523826



14453D

Complementary

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



3F3A56



51563A

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.



28442F



3F3A56



473D21

Square

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



3F3A56



593430



384125



03454B

Rectangle

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



3F3A56



563343



384125



1B4538

Sweetspot

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



3F3A56



676570



3A5156



333138



B8B8B8



383838

Same Dimension

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



3F3A56



4C4470



4D3A56



28272B



13006B



2A00EB

Inverse Universe

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



563A51



704468



43563A



2B272B



6B0058



EB00C1

Previews

White Background



This preview shows how the Hex color 3F3A56 looks on a white background.

Color Contrast Check

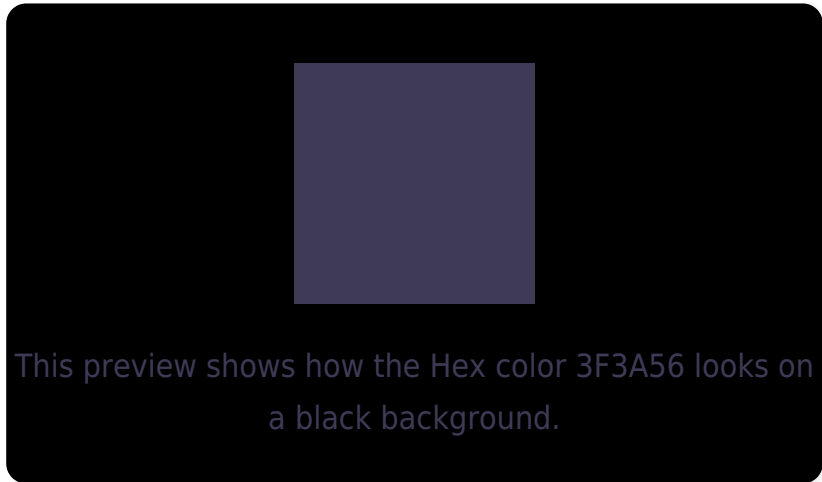
Large Text (above 18pt) WCAG AA ✓ Pass

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

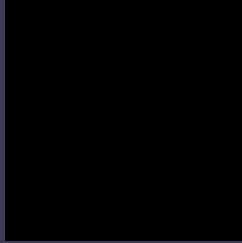
Any Text WCAG AA × Fail

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 3F3A56 Background



This preview shows how black text looks on a background with the Hex color 3F3A56.

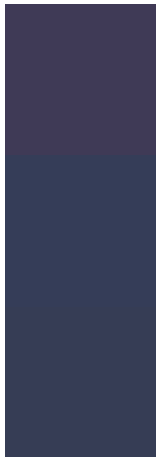


This preview shows how white text looks on a background with the Hex color 3F3A56.

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](#).

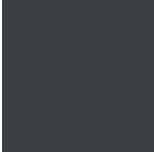
Dichromacy



Original Color
3F3A56

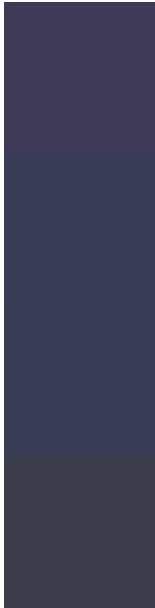
Protanopia
353D58

Deuteranopia
363D55



Tritanopia
3B3E43

Trichromacy



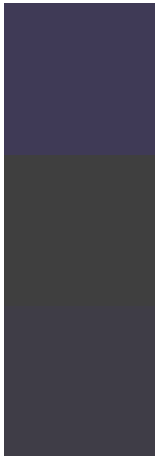
Original Color
3F3A56

Protanomaly
393C57

Deuteranomaly
393C55

Tritanomaly
3C3D4A

Monochromacy



Original Color
3F3A56

Achromatopsia
3F3F3F

Achromatomaly
3F3D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F3A56 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 #3F3A56 looks like.

```
.text, #text, p{  
    color:#3F3A56  
}
```

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 #3F3A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3A56
}
```

Border

The CSS property to change the border of an element to Hex 3F3A56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

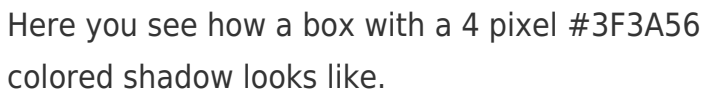
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F3A56 }
```

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

```
.border{ border-color:#3F3A56 }
```

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



Here you see how a box with a 4 pixel #3F3A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F3A56; -webkit-box-shadow:4px 4px  
4px 4px #3F3A56; box-shadow:4px 4px 4px  
4px #3F3A56 }
```

Background

The CSS property to change the background color of an element to Hex 3F3A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3A56 }
```

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

```
.background{ background-color:#3F3A56 }
```

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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