

Converting Colors

Hex(3A3A5F)

Have a look what the booklet for
Hex(3A3A5F) contains.

Hex(3A3A5F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A3A5F)

Conversions

Conversions Part 1

Format	Color
Hex	3A3A5F
RGB	58, 58, 95
RGB Percent	23%, 23%, 37%
CMY	0.7725, 0.7725, 0.6275
CMYK	0.39, 0.39, 0.00, 0.63
HSL	240°, 24%, 30%
HSV	240°, 39%, 37%
XYZ	5.3235, 4.7519, 11.4631
YIQ	62.2180, -11.8770, 11.5070

Conversions

Conversions Part 2

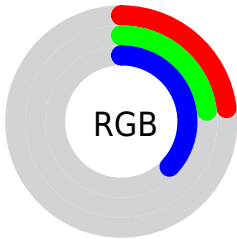
Format	Color
R _Y B	58, 58, 95
Decimal	3816031
CIE Lab	26.02, 10.20, -22.00
CIE LCh	26, 24.247, 294.880
Yxy	4.7519, 0.2472, 0.2206
Android (android.graphics.Color)	4282006111 (0xFF3A3A5F)
YUV	62.2180, 16.1615, -3.6992
Hunter-Lab	21.7988, 5.4440, -15.9190

Details

The Hex color **3A3A5F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5F5F3A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6B6992**, and **0C1031** is the 20% darker color. If you saturate the color by 10%, you get **30305F**, and if you desaturate by 10%, it is **44445F**.

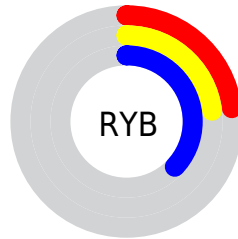
Distribution



Red (23%)

Green (23%)

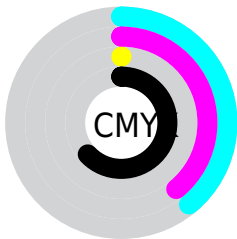
Blue (37%)



Red (23%)

Yellow (23%)

Blue (37%)

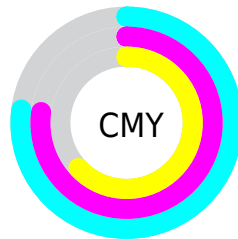


Cyan (39%)

Magenta (39%)

Yellow (0%)

Black (63%)



Cyan (77%)

Magenta (77%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3A5F 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 3A3A5F by changing the saturation by 10% instead.



3A3A5F



3A3A5F

FFFFFF



232447



6B6992



0C1031



8482AC



00011B



9F9CC8



000000



BAB7E4



D6D3FF



F3EFFF



3A3A5F



3A3A5F



30305F



44445F

■ 27275F

■ 4D4D5F

■ 1D1D5F

■ 56565F

■ 14145F

■ 60605F

■ 0B0B5F

■ 6A6A5F

■ 01015F

■ 73735F

■ 00005F

■ 7C7C5F

■ 86865F

■ 90905F

Harmonies

Analogous

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



144062



3A3A5F



513353

Triad

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



3A3A5F



593520



00473A

Complementary

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



3A3A5F



5F5F3A

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.



234528



3A3A5F



4B3B18

Square

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



3A3A5F



602F2F



39411B



00474C

Rectangle

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



3A3A5F



5B2F48



39411B



0D4633

Sweetspot

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



3A3A5F



6C6C7A



3A5F5F



35353D



BDBDBD



3D3D3D

Same Dimension

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



3A3A5F



41417A



4D3A5F



2C2C30



000070



0000F0

Inverse Universe

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



5F3A5F



7A417A



4D5F3A



302C30



700070



F000F0

Previews

White Background



This preview shows how the Hex color 3A3A5F looks on a white background.

Color Contrast Check

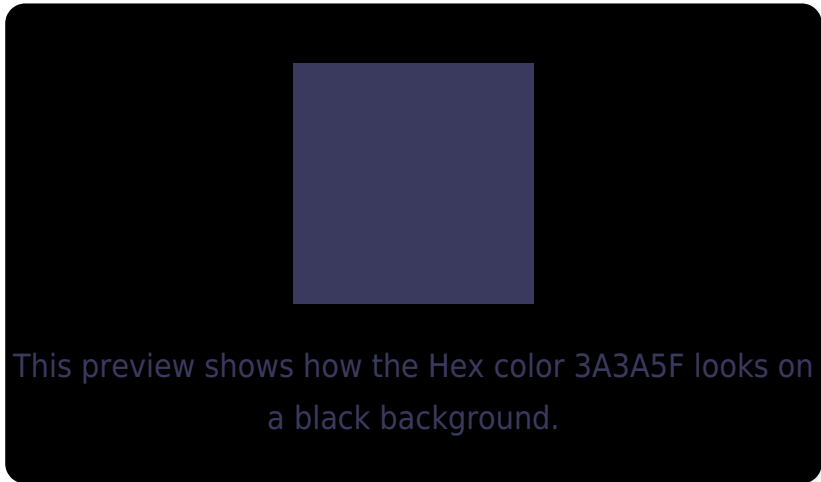
Large Text (above 18pt) WCAG AA ✓ Pass

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

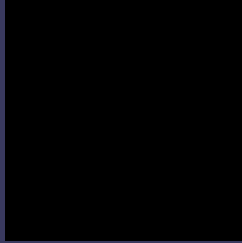
Any Text WCAG AA × Fail

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 3A3A5F Background



This preview shows how black text looks on a background with the Hex color 3A3A5F.



This preview shows how white text looks on a background with the Hex color 3A3A5F.

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

3A3A5F

Protanopia

303C61

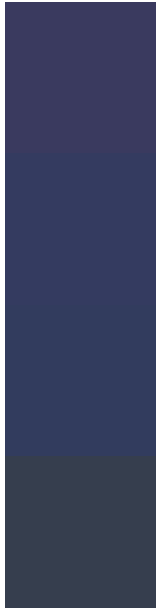
Deuteranopia

2E3D5E



Tritanopia
344045

Trichromacy



Original Color
3A3A5F

Protanomaly
343B60

Deuteranomaly
323C5E

Tritanomaly
363E4E

Monochromacy



Original Color
3A3A5F

Achromatopsia
3E3E3E

Achromatomaly
3D3D4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3A5F 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 #3A3A5F looks like.

```
.text, #text, p{  
    color:#3A3A5F  
}
```

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 #3A3A5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3A5F
}
```

Border

The CSS property to change the border of an element to Hex 3A3A5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

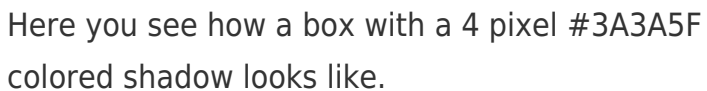
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3A5F }
```

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

```
.border{ border-color:#3A3A5F }
```

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



Here you see how a box with a 4 pixel #3A3A5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3A5F; -webkit-box-shadow:4px 4px  
4px 4px #3A3A5F; box-shadow:4px 4px 4px  
4px #3A3A5F }
```

Background

The CSS property to change the background color of an element to Hex 3A3A5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3A5F }
```

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

```
.background{ background-color:#3A3A5F }
```

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