

Converting Colors

Hex(3A3F46)

Have a look what the booklet for
Hex(3A3F46) contains.

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Color

Hex(3A3F46)

Conversions

Conversions Part 1

Format	Color
Hex	3A3F46
RGB	58, 63, 70
RGB Percent	23%, 25%, 27%
CMY	0.7725, 0.7529, 0.7255
CMYK	0.17, 0.10, 0.00, 0.73
HSL	215°, 9%, 25%
HSV	215°, 17%, 27%
XYZ	4.6279, 4.8968, 6.4956
YIQ	62.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

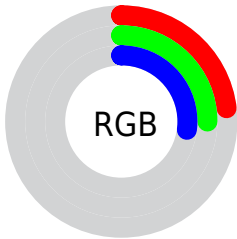
Format	Color
R _Y B	58, 62, 70
Decimal	3817286
CIE Lab	26.44, -0.35, -4.98
CIE LCh	26, 4.990, 266.034
Yxy	4.8968, 0.2889, 0.3057
Android (android.graphics.Color)	4282007366 (0xFF3A3F46)
YUV	62.3030, 3.7946, -3.7737
Hunter-Lab	22.1286, -1.3940, -1.9139

Details

The Hex color **3A3F46** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46413A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **696F76**, and **10151B** is the 20% darker color. If you saturate the color by 10%, you get **333B46**, and if you desaturate by 10%, it is **414346**.

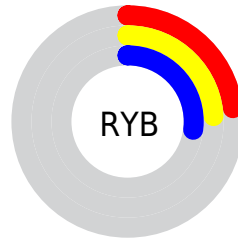
Distribution



Red (23%)

Green (25%)

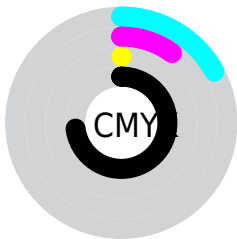
Blue (27%)



Red (23%)

Yellow (24%)

Blue (27%)

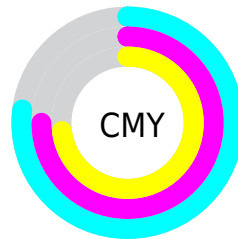


Cyan (17%)

Magenta (10%)

Yellow (0%)

Black (73%)



Cyan (77%)

Magenta (75%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3F46 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 3A3F46 by changing the saturation by 10% instead.

■ 3A3F46

■ 3A3F46

FFFFFF

■ 242930

■ 696F76

■ 10151B

■ 828890

■ 000000

■ 9CA2AA

■ B7BDC6

■ D3D9E2

■ EFF5FE

■ 3A3F46

■ 3A3F46

■ 333B46

■ 414346

■ 2C3746

■ 484746

■ 253346

■ 4F4B46

■ 1E2F46

■ 564F46

■ 172B46

■ 5D5346

■ 102746

■ 645746

■ 092246

■ 6B5C46

■ 021E46

■ 726046

■ 001D46

■ 796446

Harmonies

Analogous

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



364045



3A3F46



3F3E45

Triad

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



3A3F46



473C3B



3A403A

Complementary

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



3A3F46



46413A

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.



3E3F38



3A3F46



453D38

Square

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



3A3F46



463C3F



423E37



36413E

Rectangle

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



3A3F46



423D44



423E37



3B4039

Sweetspot

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



3A3F46



57595C



3A4641



2B2C2E



ADADAD



2E2E2E

Same Dimension

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



3A3F46



49515C



3B3A46



202224



002963



005FE3

Inverse Universe

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



463A3F



5C4951



45463A



242022



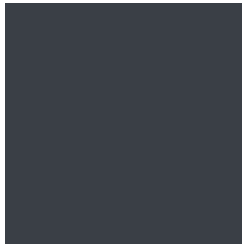
630029



E3005F

Previews

White Background



This preview shows how the Hex color 3A3F46 looks on a white background.

Color Contrast Check

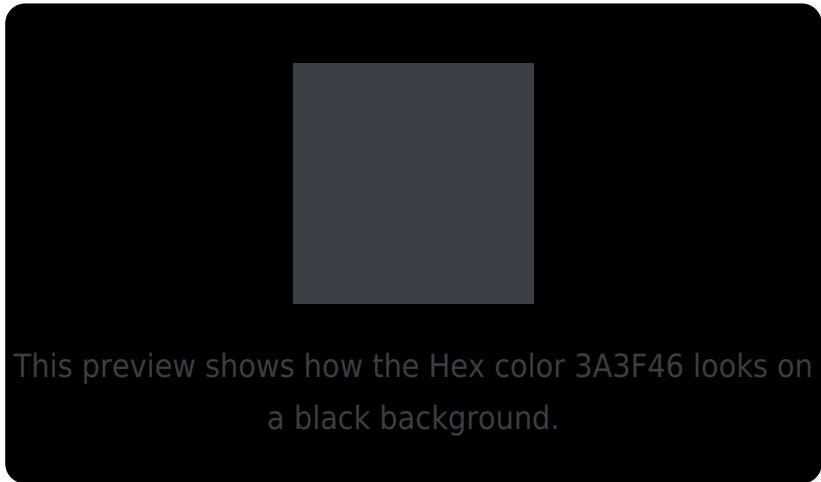
Large Text (above 18pt) WCAG AA ✓ Pass

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

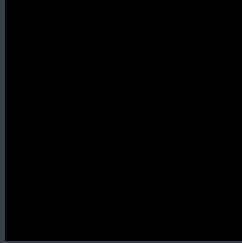
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

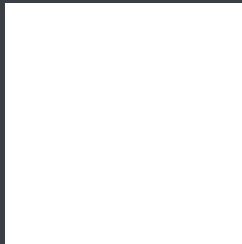
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3A3F46 Background



This preview shows how black text looks on a background with the Hex color 3A3F46.

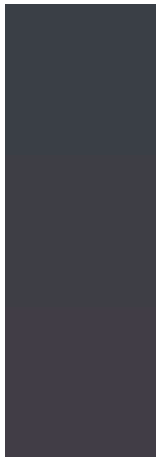


This preview shows how white text looks on a background with the Hex color 3A3F46.

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](#).

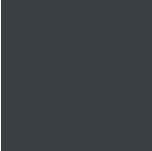
Dichromacy



Original Color
3A3F46

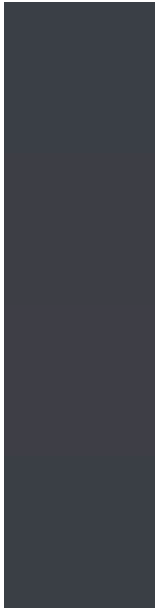
Protanopia
3E3E45

Deuteranopia
413D46



Tritanopia
3A3F44

Trichromacy



Original Color

3A3F46

Protanomaly

3D3E45

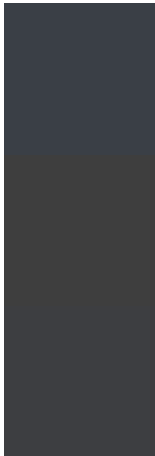
Deuteranomaly

3E3E46

Tritanomaly

3A3F45

Monochromacy



Original Color

3A3F46

Achromatopsia

3E3E3E

Achromatomaly

3D3E41

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3F46 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 #3A3F46 looks like.

```
.text, #text, p{  
    color:#3A3F46  
}
```

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 #3A3F46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3F46
}
```

Border

The CSS property to change the border of an element to Hex 3A3F46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

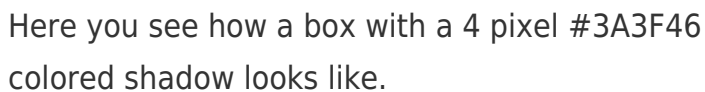
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3F46 }
```

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

```
.border{ border-color:#3A3F46 }
```

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



Here you see how a box with a 4 pixel #3A3F46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3F46; -webkit-box-shadow:4px 4px  
4px 4px #3A3F46; box-shadow:4px 4px 4px  
4px #3A3F46 }
```

Background

The CSS property to change the background color of an element to Hex 3A3F46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3F46 }
```

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

```
.background{ background-color:#3A3F46 }
```

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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