

Converting Colors

Hex(3F3947)

Have a look what the booklet for
Hex(3F3947) contains.

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Color

Hex(3F3947)

Conversions

Conversions Part 1

Format	Color
Hex	3F3947
RGB	63, 57, 71
RGB Percent	25%, 22%, 28%
CMY	0.7529, 0.7765, 0.7216
CMYK	0.11, 0.20, 0.00, 0.72
HSL	266°, 11%, 25%
HSV	266°, 20%, 28%
XYZ	4.6504, 4.4379, 6.5727
YIQ	60.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

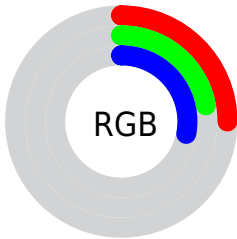
Format	Color
RYB	63, 57, 71
Decimal	4143431
CIELab	25.07, 5.85, -7.65
CIELCh	25, 9.628, 307.422
Yxy	4.4379, 0.2969, 0.2834
Android (android.graphics.Color)	4282333511 (0xFF3F3947)
YUV	60.3900, 5.2307, 2.2890
Hunter-Lab	21.0664, 2.5371, -3.7520

Details

The Hex color **3F3947** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **414739**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6F6877**, and **150E1C** is the 20% darker color. If you saturate the color by 10%, you get **3B3247**, and if you desaturate by 10%, it is **434047**.

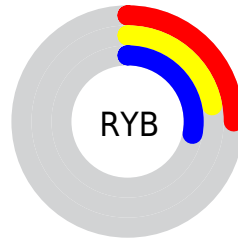
Distribution



Red (25%)

Green (22%)

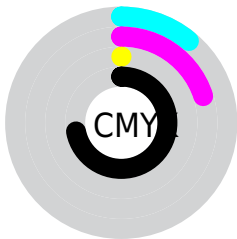
Blue (28%)



Red (25%)

Yellow (22%)

Blue (28%)

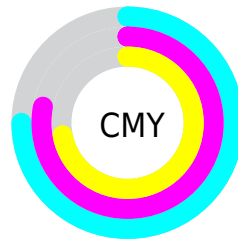


Cyan (11%)

Magenta (20%)

Yellow (0%)

Black (72%)



Cyan (75%)

Magenta (78%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F3947 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 3F3947 by changing the saturation by 10% instead.

■ 3F3947

■ 3F3947

FFFFFF

■ 292331

■ 6F6877

■ 150E1C

■ 888191

■ 000000

■ A29BAC

■ BDB6C7

■ D9D1E3

■ F6EEFF

■ 3F3947

■ 3F3947

■ 3B3247

■ 434047

■ 372B47

■ 474747

■ 332447

■ 4B4E47

■ 2F1D47

■ 4F5547

■ 2B1647

■ 535D47

■ 270E47

■ 576447

■ 230747

■ 5B6B47

■ 1F0047

■ 5F7247

■ 1E0047

■ 647947

Harmonies

Analogous

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



353B4A



3F3947



463741

Triad

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



3F3947



46392E



29403D

Complementary

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



3F3947



414739

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.



2F3F36



3F3947



3F3C2D

Square

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



3F3947



4A3733



373E30



283F44

Rectangle

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



3F3947



49363C



373E30



2B403B

Sweetspot

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



3F3947



59565C



394147



2C2B2E



ADADAD



2E2E2E

Same Dimension

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



3F3947



4F465C



463947



222024



2B0063



6100E3

Inverse Universe

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



473941



5C4652



3A4739



242022



630039



E30082

Previews

White Background



This preview shows how the Hex color 3F3947 looks on a white background.

Color Contrast Check

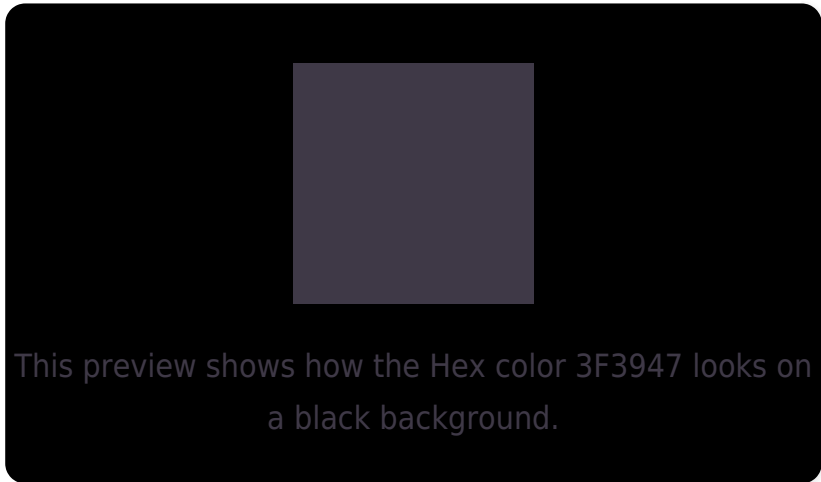
Large Text (above 18pt) WCAG AA ✓ Pass

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

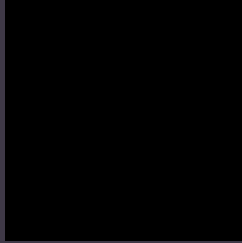
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

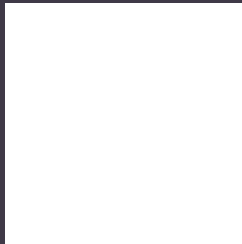
Any Text WCAG AAA × Fail

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

Hex 3F3947 Background



This preview shows how black text looks on a background with the Hex color 3F3947.

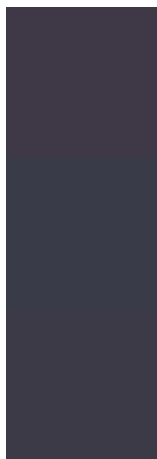


This preview shows how white text looks on a background with the Hex color 3F3947.

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
3F3947

Protanopia
393B48

Deuteranopia
3C3A47



Tritanopia
3E3A3F

Trichromacy



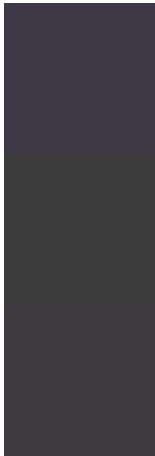
Original Color
3F3947

Protanomaly
3B3A48

Deuteranomaly
3D3A47

Tritanomaly
3E3A42

Monochromacy



Original Color
3F3947

Achromatopsia
3C3C3C

Achromatomaly
3D3B40

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F3947 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 #3F3947 looks like.

```
.text, #text, p{  
    color:#3F3947  
}
```

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 #3F3947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3947
}
```

Border

The CSS property to change the border of an element to Hex 3F3947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

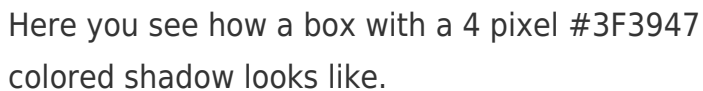
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F3947 }
```

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

```
.border{ border-color:#3F3947 }
```

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



Here you see how a box with a 4 pixel #3F3947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F3947; -webkit-box-shadow:4px 4px  
4px 4px #3F3947; box-shadow:4px 4px 4px  
4px #3F3947 }
```

Background

The CSS property to change the background color of an element to Hex 3F3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3947 }
```

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

```
.background{ background-color:#3F3947 }
```

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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