

Converting Colors

Hex(3F2846)

Have a look what the booklet for
Hex(3F2846) contains.

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Color

Hex(3F2846)

Conversions

Conversions Part 1

Format	Color
Hex	3F2846
RGB	63, 40, 70
RGB Percent	25%, 16%, 27%
CMY	0.7529, 0.8431, 0.7255
CMYK	0.10, 0.43, 0.00, 0.73
HSL	286°, 27%, 22%
HSV	286°, 43%, 27%
XYZ	3.9142, 3.0165, 6.1703
YIQ	50.2970, 4.0780, 14.2060

Conversions

Conversions Part 2

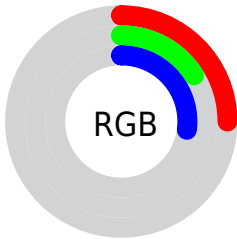
Format	Color
RYB	63, 40, 70
Decimal	4139078
CIELab	20.11, 17.02, -14.56
CIElCh	20, 22.398, 319.447
Yxy	3.0165, 0.2988, 0.2303
Android (android.graphics.Color)	4282329158 (0xFF3F2846)
YUV	50.2970, 9.7136, 11.1405
Hunter-Lab	17.3682, 9.8333, -8.9059

Details

The Hex color **3F2846** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **2F4628**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **6F5676**, and **17001B** is the 20% darker color. If you saturate the color by 10%, you get **3D2146**, and if you desaturate by 10%, it is **412F46**.

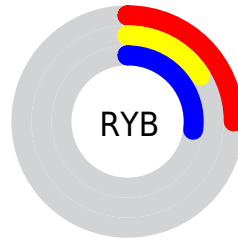
Distribution



Red (25%)

Green (16%)

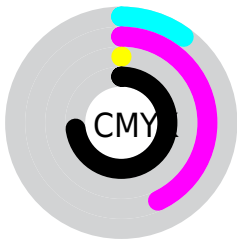
Blue (27%)



Red (25%)

Yellow (16%)

Blue (27%)

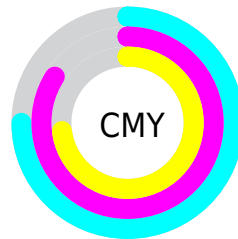


Cyan (10%)

Magenta (43%)

Yellow (0%)

Black (73%)



Cyan (75%)

Magenta (84%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F2846 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 3F2846 by changing the saturation by 10% instead.



3F2846



3F2846

FFFFFF



291330



6F5676



17001B



896E90



000000



A388AB



BFA2C6



DBBDE2



F7D9FF



FFF5FF



3F2846



3F2846

■ 3D2146

■ 412F46

■ 3C1A46

■ 423646

■ 3A1346

■ 443D46

■ 380C46

■ 464446

■ 370546

■ 474B46

■ 360046

■ 495246

■ 4A5946

■ 4C6046

■ 4E6746

Harmonies

Analogous

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



282F4F



3F2846



4C2337

Triad

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



3F2846



3F2E0F



00393B

Complementary

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



3F2846



2F4628

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.



00382A



3F2846



303310

Square

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



3F2846



4A2818



1C371A



003749

Rectangle

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



3F2846



4F222C



1C371A



003935

Sweetspot

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



3F2846



59505C



282F46



2C272E



ADADAD



2E2E2E

Same Dimension

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



3F2846



512D5C



46283E



232024



4C0063



AE00E3

Inverse Universe

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



46282F



5C2D38



284630



242021



630017



E30035

Previews

White Background



This preview shows how the Hex color 3F2846 looks on a white background.

Color Contrast Check

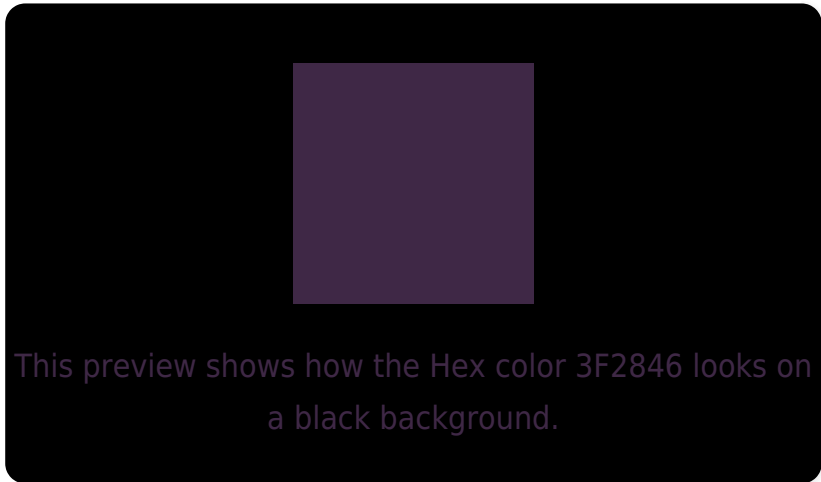
Large Text (above 18pt) WCAG AA ✓ Pass

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

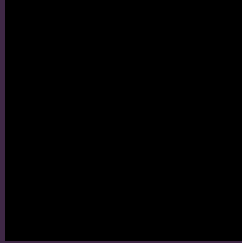
Any Text WCAG AA × Fail

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 3F2846 Background



This preview shows how black text looks on a background with the Hex color 3F2846.



This preview shows how white text looks on a background with the Hex color 3F2846.

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
3F2846

Protanopia
26304D

Deuteranopia
2A3044



Tritanopia
3C2D30

Trichromacy



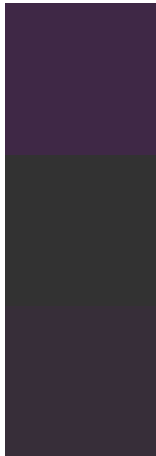
Original Color
3F2846

Protanomaly
2F2D4A

Deuteranomaly
322D45

Tritanomaly
3D2B38

Monochromacy



Original Color
3F2846

Achromatopsia
323232

Achromatomaly
372E39

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F2846 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 #3F2846 looks like.

```
.text, #text, p{  
    color:#3F2846  
}
```

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 #3F2846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F2846
}
```

Border

The CSS property to change the border of an element to Hex 3F2846 is called "border". The border property can be set on classes, ids or directly on the HTML element.

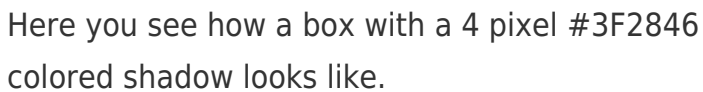
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F2846 }
```

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

```
.border{ border-color:#3F2846 }
```

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



Here you see how a box with a 4 pixel #3F2846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F2846; -webkit-box-shadow:4px 4px  
4px 4px #3F2846; box-shadow:4px 4px 4px  
4px #3F2846 }
```

Background

The CSS property to change the background color of an element to Hex 3F2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F2846 }
```

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

```
.background{ background-color:#3F2846 }
```

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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