

Converting Colors

Hex(2F3A3C)

Have a look what the booklet for
Hex(2F3A3C) contains.

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Color

Hex(2F3A3C)

Conversions

Conversions Part 1

Format	Color
Hex	2F3A3C
RGB	47, 58, 60
RGB Percent	18%, 23%, 24%
CMY	0.8157, 0.7725, 0.7647
CMYK	0.22, 0.03, 0.00, 0.76
HSL	189°, 12%, 21%
HSV	189°, 22%, 24%
XYZ	3.5010, 3.9567, 4.8542
YIQ	54.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

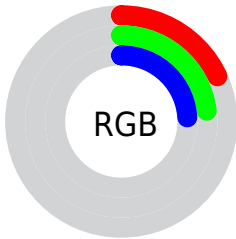
Format	Color
RYB	47, 53, 60
Decimal	3095100
CIELab	23.53, -4.02, -2.77
CIElCh	24, 4.877, 214.545
Yxy	3.9567, 0.2844, 0.3214
Android (android.graphics.Color)	4281285180 (0xFF2F3A3C)
YUV	54.9390, 2.4951, -6.9625
Hunter-Lab	19.8914, -3.3935, -0.5447

Details

The Hex color **2F3A3C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C312F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5D696B**, and **000F12** is the 20% darker color. If you saturate the color by 10%, you get **29393C**, and if you desaturate by 10%, it is **353B3C**.

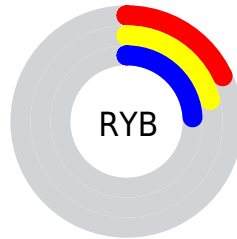
Distribution



Red (18%)

Green (23%)

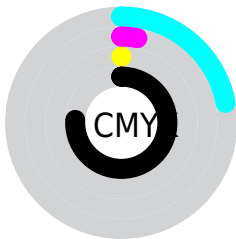
Blue (24%)



Red (18%)

Yellow (21%)

Blue (24%)

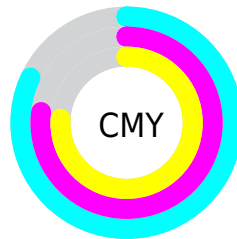


Cyan (22%)

Magenta (3%)

Yellow (0%)

Black (76%)



Cyan (82%)

Magenta (77%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3A3C 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 2F3A3C by changing the saturation by 10% instead.



2F3A3C



2F3A3C

FFFFFF



1A2426



5D696B



000F12



768284



000000



909C9F



AAB7B9



C5D3D5



E1EFF1

FEFFFF



2F3A3C



2F3A3C

■ 29393C

■ 353B3C

■ 23383C

■ 3B3C3C

■ 1D373C

■ 413D3C

■ 17363C

■ 473E3C

■ 11353C

■ 4D3F3C

■ 0B343C

■ 53403C

■ 05343C

■ 59403C

■ 00333C

■ 5F413C

■ 65423C

Harmonies

Analogous

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



303A38



2F3A3C



31393E

Triad

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



2F3A3C



3D363B



3A3831

Complementary

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



2F3A3C



3C312F

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.



3E3732



2F3A3C



403638

Square

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



2F3A3C



39373E



403634



363932

Rectangle

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



2F3A3C



33393F



403634



3C3831

Sweetspot

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



2F3A3C



4A4E4F



2F3C31



262829



A8A8A8



292929

Same Dimension

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



2F3A3C



3A4C4F



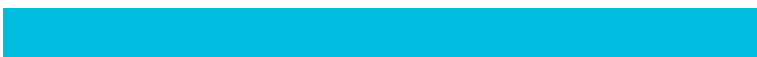
2F343C



1C1E1F



00505E



00BCDE

Inverse Universe

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



3C2F3A



4F3A4C



3C372F



1F1C1E



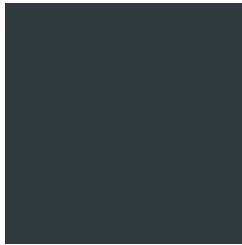
5E0050



DE00BC

Previews

White Background



This preview shows how the Hex color 2F3A3C looks on a white background.

Color Contrast Check

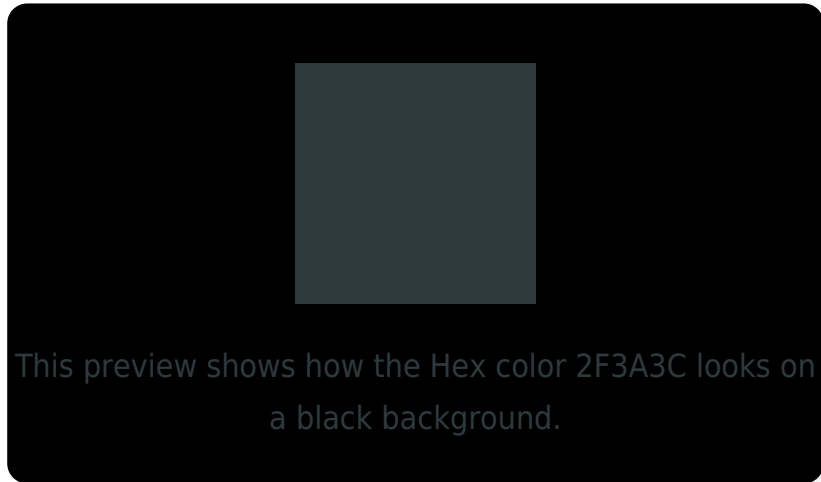
Large Text (above 18pt) WCAG AA ✓ Pass

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

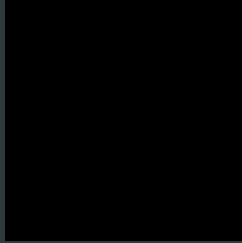
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

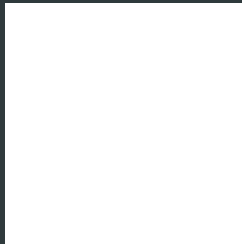
Any Text WCAG AAA × Fail

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

Hex 2F3A3C Background



This preview shows how black text looks on a background with the Hex color 2F3A3C.



This preview shows how white text looks on a background with the Hex color 2F3A3C.

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

2F3A3C

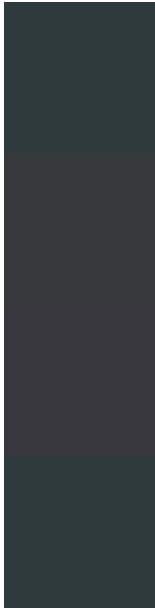
Protanopia

38383B

Deuteranopia

3B363D

Trichromacy



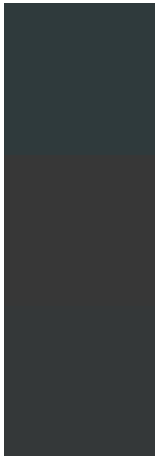
Original Color
2F3A3C

Protanomaly
35393B

Deuteranomaly
37373D

Tritanomaly
2F3A3D

Monochromacy



Original Color
2F3A3C

Achromatopsia
373737

Achromatomaly
343839

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3A3C 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 #2F3A3C looks like.

```
.text, #text, p{  
    color:#2F3A3C  
}
```

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 #2F3A3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3A3C
}
```

Border

The CSS property to change the border of an element to Hex 2F3A3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

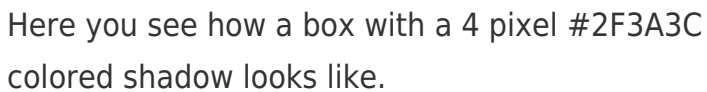
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F3A3C }
```

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

```
.border{ border-color:#2F3A3C }
```

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



Here you see how a box with a 4 pixel #2F3A3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3A3C; -webkit-box-shadow:4px 4px  
4px 4px #2F3A3C; box-shadow:4px 4px 4px  
4px #2F3A3C }
```

Background

The CSS property to change the background color of an element to Hex 2F3A3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3A3C }
```

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

```
.background{ background-color:#2F3A3C }
```

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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