

Converting Colors

Hex(2F3B38)

Have a look what the booklet for
Hex(2F3B38) contains.

Hex(2F3B38)	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(2F3B38)

Conversions

Conversions Part 1

Format	Color
Hex	2F3B38
RGB	47, 59, 56
RGB Percent	18%, 23%, 22%
CMY	0.8157, 0.7686, 0.7804
CMYK	0.20, 0.00, 0.05, 0.77
HSL	165°, 11%, 21%
HSV	165°, 20%, 23%
XYZ	3.4501, 4.0178, 4.3351
YIQ	55.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

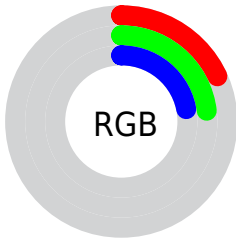
Format	Color
RYB	47, 54, 59
Decimal	3095352
CIELab	23.73, -5.70, 0.21
CIElCh	24, 5.703, 177.915
Yxy	4.0178, 0.2923, 0.3404
Android (android.graphics.Color)	4281285432 (0xFF2F3B38)
YUV	55.0700, 0.4585, -7.0774
Hunter-Lab	20.0444, -4.3542, 1.2083

Details

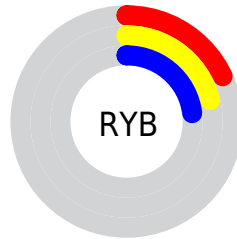
The Hex color **2F3B38** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B2F32**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5D6A67**, and **00110D** is the 20% darker color. If you saturate the color by 10%, you get **293B37**, and if you desaturate by 10%, it is **353B39**.

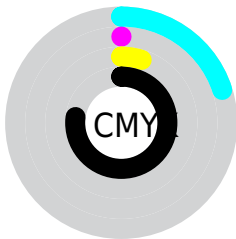
Distribution



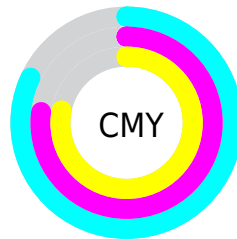
- Red (18%)
- Green (23%)
- Blue (22%)



- Red (18%)
- Yellow (21%)
- Blue (23%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (77%)



- Cyan (82%)
- Magenta (77%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3B38 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 2F3B38 by changing the saturation by 10% instead.



2F3B38



2F3B38

FFFFFF



1A2523



5D6A67



00110D



768380



000000



8F9D9A



AAB8B5



C5D4D0



E1F0EC

FEFFFF



2F3B38



2F3B38

■ 293B37

■ 353B39

■ 233B35

■ 3B3B3B

■ 1D3B34

■ 413B3C

■ 173B32

■ 473B3E

■ 113B31

■ 4D3B3F

■ 0C3B2F

■ 523B41

■ 063B2E

■ 583B42

■ 003B2C

■ 5E3B44

■ 643B45

Harmonies

Analogous

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



333A34



2F3B38



2E3B3C

Triad

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



2F3B38



393740



403731

Complementary

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



2F3B38



3B2F32

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.



423635



2F3B38



3E363D

Square

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



2F3B38



343941



413639



3C3830

Rectangle

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



2F3B38



2E3A3F



413639



413632

Sweetspot

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



2F3B38



484D4B



323B2F



242626



A6A6A6



262626

Same Dimension

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



2F3B38



3A4D48



2F383B



1C1F1E



005E47



00DEA6

Inverse Universe

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



3B2F32



4D3A3F



3B322F



1F1C1C



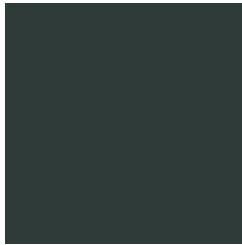
5E0018



DE0037

Previews

White Background



This preview shows how the Hex color 2F3B38 looks on a white background.

Color Contrast Check

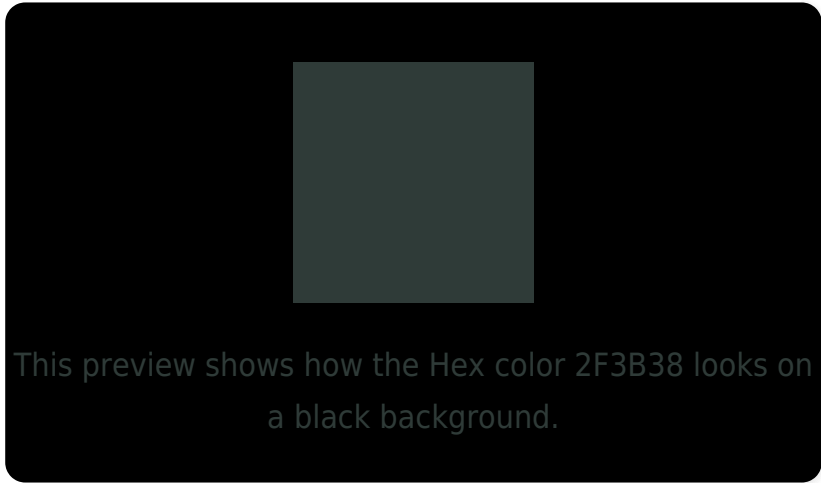
Large Text (above 18pt) WCAG AA ✓ Pass

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

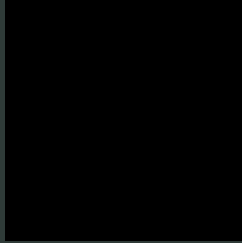
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

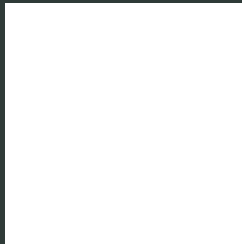
Any Text WCAG AAA × Fail

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

Hex 2F3B38 Background



This preview shows how black text looks on a background with the Hex color 2F3B38.

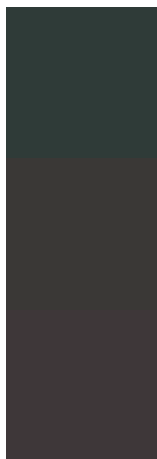


This preview shows how white text looks on a background with the Hex color 2F3B38.

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
2F3B38

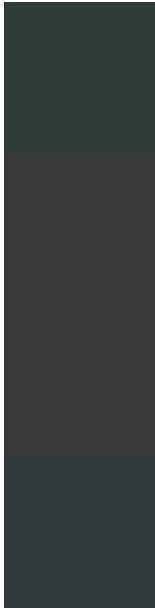
Protanopia
3A3836

Deuteranopia
3E3739



Tritanopia
303A3F

Trichromacy



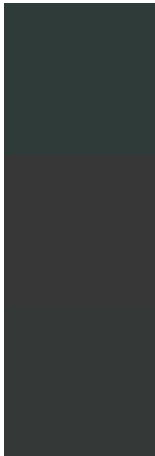
Original Color
2F3B38

Protanomaly
363937

Deuteranomaly
393839

Tritanomaly
303A3C

Monochromacy



Original Color
2F3B38

Achromatopsia
373737

Achromatomaly
343837

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3B38 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 #2F3B38 looks like.

```
.text, #text, p{  
    color:#2F3B38  
}
```

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 #2F3B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3B38
}
```

Border

The CSS property to change the border of an element to Hex 2F3B38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

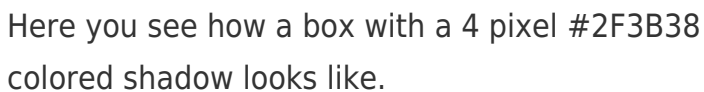
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F3B38 }
```

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

```
.border{ border-color:#2F3B38 }
```

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



Here you see how a box with a 4 pixel #2F3B38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3B38; -webkit-box-shadow:4px 4px  
4px 4px #2F3B38; box-shadow:4px 4px 4px  
4px #2F3B38 }
```

Background

The CSS property to change the background color of an element to Hex 2F3B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3B38 }
```

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

```
.background{ background-color:#2F3B38 }
```

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