

# Converting Colors

Hex(2F3D39)

Have a look what the booklet for  
Hex(2F3D39) contains.

<b>Hex(2F3D39)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(2F3D39)

# Conversions

## Conversions Part 1

Format	Color
Hex	2F3D39
RGB	47, 61, 57
RGB Percent	18%, 24%, 22%
CMY	0.8157, 0.7608, 0.7765
CMYK	0.23, 0.00, 0.07, 0.76
HSL	163°, 13%, 21%
HSV	163°, 23%, 24%
XYZ	3.5796, 4.2372, 4.5001
YIQ	56.3580, -7.0600, -4.2120

# Conversions

## Conversions Part 2

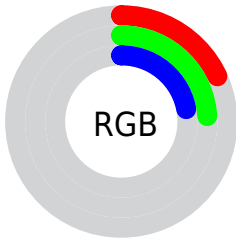
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 55, 61
Decimal	3095865
CIELab	24.44, -6.72, 0.58
CIELCh	24, 6.741, 175.093
Yxy	4.2372, 0.2906, 0.3440
Android (android.graphics.Color)	4281285945 (0xFF2F3D39)
YUV	56.3580, 0.3165, -8.2070
Hunter-Lab	20.5845, -4.9826, 1.4475

# Details

The Hex color **2F3D39** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D2F33**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5D6C68**, and **00130E** is the 20% darker color. If you saturate the color by 10%, you get **293D37**, and if you desaturate by 10%, it is **353D3B**.

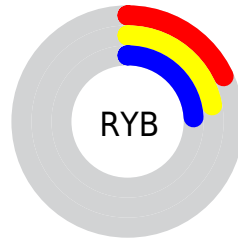
# Distribution



Red (18%)

Green (24%)

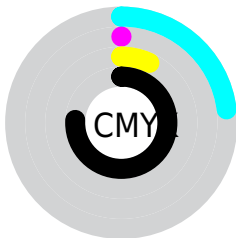
Blue (22%)



Red (18%)

Yellow (22%)

Blue (24%)

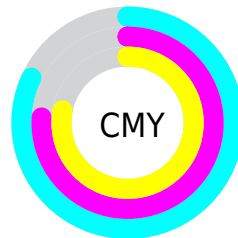


Cyan (23%)

Magenta (0%)

Yellow (7%)

Black (76%)



Cyan (82%)

Magenta (76%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F3D39 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 2F3D39 by changing the saturation by 10% instead.





2F3D39



2F3D39

FFFFFF



1A2724



5D6C68



00130E



768681



000000



90A09B



AABBB6



C5D7D1



E1F3EE



FEFFFF



2F3D39



2F3D39

■ 293D37

■ 353D3B

■ 233D36

■ 3B3D3C

■ 1D3D34

■ 413D3E

■ 173D32

■ 473D40

■ 103D30

■ 4E3D42

■ 0A3D2F

■ 543D43

■ 043D2D

■ 5A3D45

■ 003D2C

■ 603D47

■ 663D49

# Harmonies

## Analogous

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



343C34



2F3D39



2D3D3E

# Triad

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



2F3D39



3A3943



433832

# Complementary

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



2F3D39



3D2F33

# 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.



453736



2F3D39



403840

# Square

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



2F3D39



343B44



44373B



3F3930

# Rectangle

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



2F3D39



2E3C41



44373B



443733



# Sweetspot

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



2F3D39



4A4F4D



333D2F



262928



A8A8A8



292929



# Same Dimension

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



2F3D39



394F49



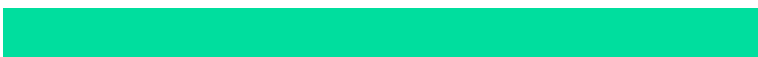
2F3A3D



1C1F1E



005E43



00DE9E



# Inverse Universe

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



3D2F33



4F393F



3D322F



1F1C1C



5E001B

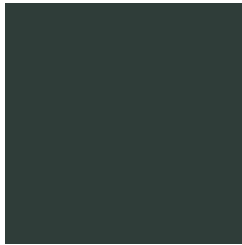


DE003F



# Previews

## White Background



This preview shows how the Hex color 2F3D39 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

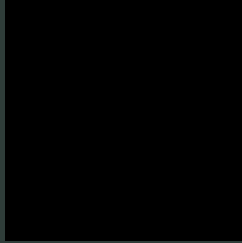
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

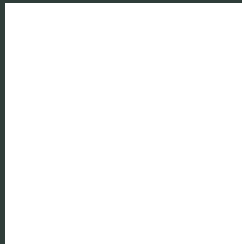
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2F3D39 Background



This preview shows how black text looks on a background with the Hex color 2F3D39.



This preview shows how white text looks on a background with the Hex color 2F3D39.

# 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**  
2F3D39

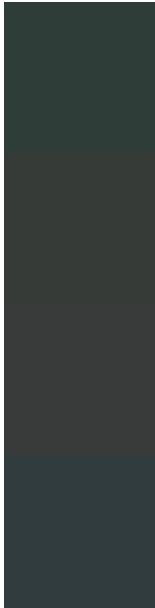
**Protanopia**  
3C3A37

**Deuteranopia**  
3F383A



**Tritanopia**  
313C41

# Trichromacy



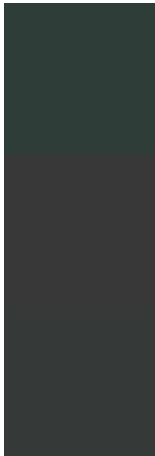
**Original Color**  
2F3D39

**Protanomaly**  
373B38

**Deuteranomaly**  
393A3A

**Tritanomaly**  
303C3E

# Monochromacy



**Original Color**  
2F3D39

**Achromatopsia**  
383838

**Achromatomaly**  
353A38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F3D39 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 #2F3D39 looks like.

```
.text, #text, p{  
    color:#2F3D39  
}
```

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 #2F3D39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3D39
}
```

## Border

The CSS property to change the border of an element to Hex 2F3D39 is called "border". The border property can be set on classes, ids or directly on the HTML element.

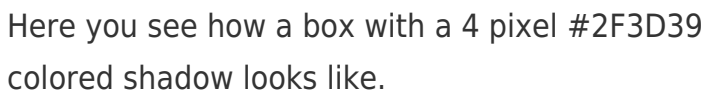
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F3D39 }
```

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

```
.border{ border-color:#2F3D39 }
```

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



Here you see how a box with a 4 pixel #2F3D39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3D39; -webkit-box-shadow:4px 4px  
4px 4px #2F3D39; box-shadow:4px 4px 4px  
4px #2F3D39 }
```

# Background

The CSS property to change the background color of an element to Hex 2F3D39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3D39 }
```

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

```
.background{ background-color:#2F3D39 }
```

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