

# Converting Colors

Hex(2F3D1C)

Have a look what the booklet for  
Hex(2F3D1C) contains.

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# Color

Hex(2F3D1C)

# Conversions

## Conversions Part 1

Format	Color
Hex	2F3D1C
RGB	47, 61, 28
RGB Percent	18%, 24%, 11%
CMY	0.8157, 0.7608, 0.8902
CMYK	0.23, 0.00, 0.54, 0.76
HSL	85°, 37%, 17%
HSV	85°, 54%, 24%
XYZ	3.0506, 4.0257, 1.7149
YIQ	53.0520, 2.2490, -13.2310

# Conversions

## Conversions Part 2

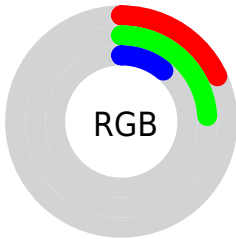
<b>Format</b>	<b>Color</b>
<b>RYB</b>	28, 61, 42
Decimal	3095836
CIELab	23.76, -12.46, 18.41
CIELCh	24, 22.234, 124.095
Yxy	4.0257, 0.3470, 0.4579
Android (android.graphics.Color)	4281285916 (0xFF2F3D1C)
YUV	53.0520, -12.3506, -5.3076
Hunter-Lab	20.0641, -7.9721, 8.9774

# Details

The Hex color **2F3D1C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2A1C3D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **5E6C48**, and **001400** is the 20% darker color. If you saturate the color by 10%, you get **2C3D16**, and if you desaturate by 10%, it is **323D22**.

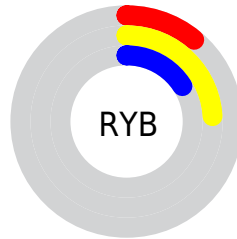
# Distribution



Red (18%)

Green (24%)

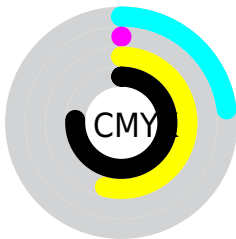
Blue (11%)



Red (11%)

Yellow (24%)

Blue (16%)

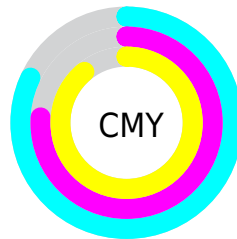


Cyan (23%)

Magenta (0%)

Yellow (54%)

Black (76%)



Cyan (82%)

Magenta (76%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F3D1C 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 2F3D1C by changing the saturation by 10% instead.



 2F3D1C

 2F3D1C

FFFFFF

 1A2704

 5E6C48

 001400

 778660

 000000

 91A079

 ABBB93

 C7D7AE

 E3F3C9

 FFFF E5

 2F3D1C

 2F3D1C

■ 2C3D16

■ 323D22

■ 2A3D10

■ 343D28

■ 273D0A

■ 373D2E

■ 253D04

■ 393D34

■ 233D00

■ 3C3D3B

■ 3F3D41

■ 413D47

■ 443D4D

■ 463D53

# Harmonies

## Analogous

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



403816



2F3D1C



194029

# Triad

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



2F3D1C



003E56



572B37

# Complementary

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



2F3D1C



2A1C3D

# 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.



4F2D47



2F3D1C



213A5A

# Square

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



2F3D1C



00414B



3D3354



572D27

# Rectangle

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



2F3D1C



014135



3D3354



562B3D



# Sweetspot

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



2F3D1C



4A4F42



3D2A1C



262921



A8A8A8



292929



# Same Dimension

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



2F3D1C



394F1C



1F3D1C



1D1F1C



365E00



80DE00



# Inverse Universe

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



2A1C3D



311C4F



3A1C3D



1D1C1F



28005E



5E00DE



# Previews

## White Background



This preview shows how the Hex color 2F3D1C looks on a white background.

## Color Contrast Check

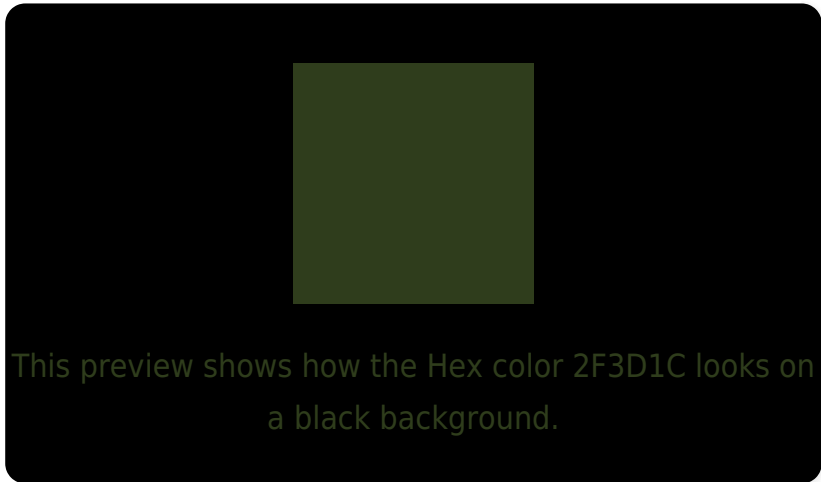
Large Text (above 18pt) WCAG AA ✓ Pass

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

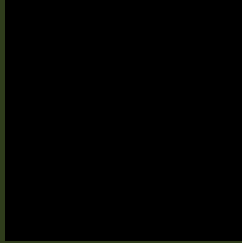
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

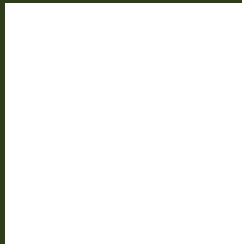
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2F3D1C Background



This preview shows how black text looks on a background with the Hex color 2F3D1C.



This preview shows how white text looks on a background with the Hex color 2F3D1C.

# 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](#).

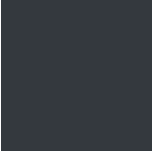
## Dichromacy



**Original Color**  
2F3D1C

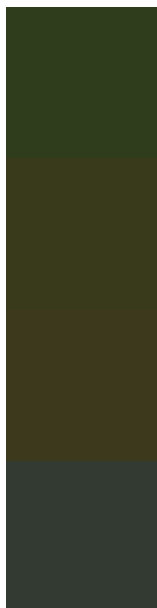
**Protanopia**  
3F391B

**Deuteranopia**  
45361E



**Tritanopia**  
34393E

# Trichromacy



**Original Color**  
2F3D1C

**Protanomaly**  
393A1B

**Deuteranomaly**  
3D391D

**Tritanomaly**  
323A32

# Monochromacy



**Original Color**  
2F3D1C

**Achromatopsia**  
353535

**Achromatomaly**  
33382C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F3D1C 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 #2F3D1C looks like.

```
.text, #text, p{  
    color:#2F3D1C  
}
```

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 #2F3D1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3D1C
}
```

## Border

The CSS property to change the border of an element to Hex 2F3D1C 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".

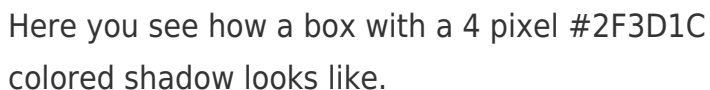
```
.border, #border, table{ border:4px solid
#2F3D1C }
```

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

```
.border{ border-color:#2F3D1C }
```

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

Here you see how a box with a 4 pixel #2F3D1C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3D1C; -webkit-box-shadow:4px 4px  
4px 4px #2F3D1C; box-shadow:4px 4px 4px  
4px #2F3D1C }
```

# Background

The CSS property to change the background color of an element to Hex 2F3D1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3D1C }
```

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

```
.background{ background-color:#2F3D1C }
```

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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