

Converting Colors

Hex(2F3A1E)

Have a look what the booklet for
Hex(2F3A1E) contains.

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Color

Hex(2F3A1E)

Conversions

Conversions Part 1

Format	Color
Hex	2F3A1E
RGB	47, 58, 30
RGB Percent	18%, 23%, 12%
CMY	0.8157, 0.7725, 0.8824
CMYK	0.19, 0.00, 0.48, 0.77
HSL	84°, 32%, 17%
HSV	84°, 48%, 23%
XYZ	2.9197, 3.7242, 1.7933
YIQ	51.5190, 2.4320, -11.0400

Conversions

Conversions Part 2

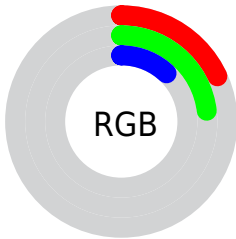
Format	Color
RYB	30, 58, 41
Decimal	3095070
CIELab	22.74, -10.38, 15.90
CIElCh	23, 18.993, 123.134
Yxy	3.7242, 0.3461, 0.4414
Android (android.graphics.Color)	4281285150 (0xFF2F3A1E)
YUV	51.5190, -10.6089, -3.9632
Hunter-Lab	19.2982, -6.7658, 7.9993

Details

The Hex color **2F3A1E** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **291E3A**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5E694A**, and **001000** is the 20% darker color. If you saturate the color by 10%, you get **2D3A18**, and if you desaturate by 10%, it is **313A24**.

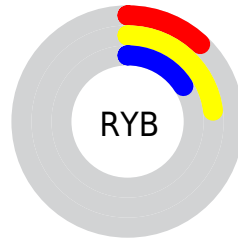
Distribution



Red (18%)

Green (23%)

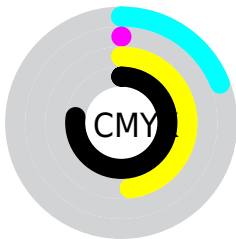
Blue (12%)



Red (12%)

Yellow (23%)

Blue (16%)

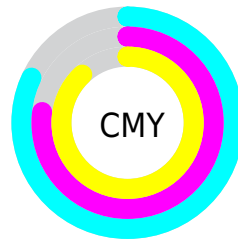


Cyan (19%)

Magenta (0%)

Yellow (48%)

Black (77%)



Cyan (82%)

Magenta (77%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3A1E 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 2F3A1E by changing the saturation by 10% instead.

■ 2F3A1E

■ 2F3A1E

FFFFFF

■ 1A2407

■ 5E694A

■ 001000

■ 768262

■ 000000

■ 909C7B

■ ABB795

■ C6D3B0

■ E2EFCB

■ FFFFE8

■ 2F3A1E

■ 2F3A1E

■ 2D3A18

■ 313A24

■ 2A3A12

■ 343A2A

■ 283A0D

■ 363A2F

■ 263A07

■ 383A35

■ 243A01

■ 3A3A3B

■ 233A00

■ 3D3A41

■ 3F3A47

■ 413A4C

■ 443A52

Harmonies

Analogous

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



3E361A



2F3A1E



1D3D29

Triad

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



2F3A1E



033B4F



512B35

Complementary

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



2F3A1E



291E3A

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.



492D43



2F3A1E



233752

Square

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



2F3A1E



003D45



3A324E



512D28

Rectangle

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



2F3A1E



0F3E32



3A324E



4F2B3A

Sweetspot

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



2F3A1E



484D42



3A291E



242620



A6A6A6



262626

Same Dimension

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



2F3A1E



3B4D20



213A1E



1B1C19



385C00



85DB00

Inverse Universe

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



291E3A



32204D



371E3A



1A191C



24005C



5600DB

Previews

White Background



This preview shows how the Hex color 2F3A1E looks on a white background.

Color Contrast Check

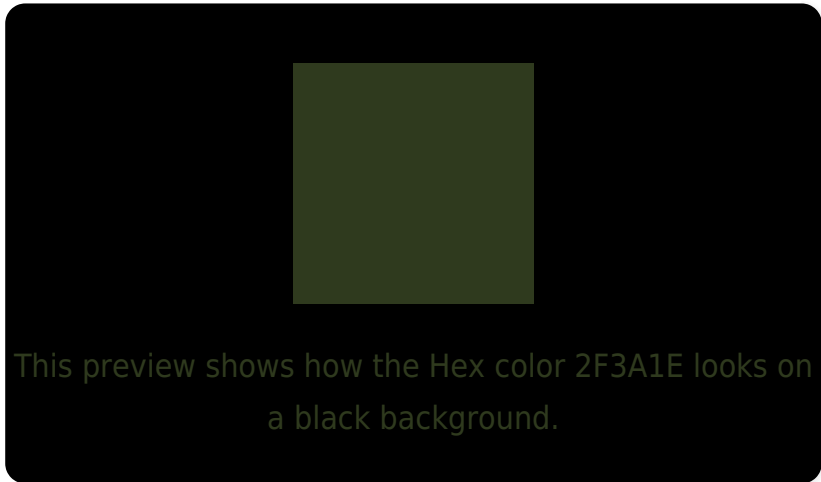
Large Text (above 18pt) WCAG AA ✓ Pass

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

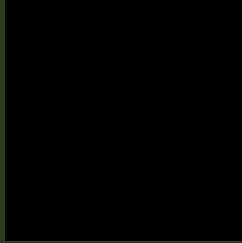
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

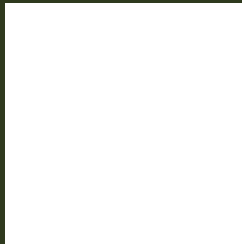
Any Text WCAG AAA × Fail

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

Hex 2F3A1E Background



This preview shows how black text looks on a background with the Hex color 2F3A1E.



This preview shows how white text looks on a background with the Hex color 2F3A1E.

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
2F3A1E

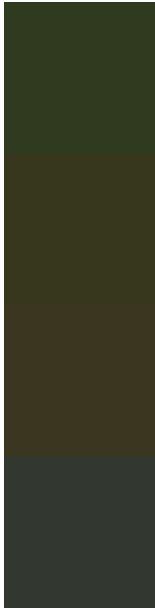
Protanopia
3C361D

Deuteranopia
423420



Tritanopia
33373B

Trichromacy



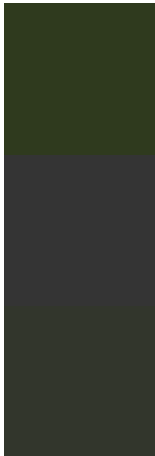
Original Color
2F3A1E

Protanomaly
37371D

Deuteranomaly
3B361F

Tritanomaly
323830

Monochromacy



Original Color
2F3A1E

Achromatopsia
343434

Achromatomaly
32362C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3A1E 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 #2F3A1E looks like.

```
.text, #text, p{  
    color:#2F3A1E  
}
```

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 #2F3A1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3A1E
}
```

Border

The CSS property to change the border of an element to Hex 2F3A1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

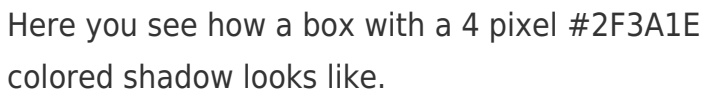
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F3A1E }
```

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

```
.border{ border-color:#2F3A1E }
```

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



Here you see how a box with a 4 pixel #2F3A1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3A1E; -webkit-box-shadow:4px 4px  
4px 4px #2F3A1E; box-shadow:4px 4px 4px  
4px #2F3A1E }
```

Background

The CSS property to change the background color of an element to Hex 2F3A1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3A1E }
```

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

```
.background{ background-color:#2F3A1E }
```

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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