

Converting Colors

Hex(2F3C2A)

Have a look what the booklet for
Hex(2F3C2A) contains.

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Color

Hex(2F3C2A)

Conversions

Conversions Part 1

Format	Color
Hex	2F3C2A
RGB	47, 60, 42
RGB Percent	18%, 24%, 16%
CMY	0.8157, 0.7647, 0.8353
CMYK	0.22, 0.00, 0.30, 0.76
HSL	103°, 18%, 20%
HSV	103°, 30%, 24%
XYZ	3.2061, 4.0032, 2.7942
YIQ	54.0610, -1.9700, -8.3540

Conversions

Conversions Part 2

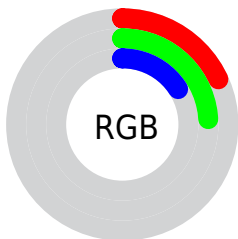
Format	Color
R_{YB}	42, 60, 55
Decimal	3095594
CIE _{Lab}	23.68, -9.49, 9.42
CIE _{LCh}	24, 13.375, 135.199
Yxy	4.0032, 0.3205, 0.4002
Android (android.graphics.Color)	4281285674 (0xFF2F3C2A)
YUV	54.0610, -5.9461, -6.1925
Hunter-Lab	20.0081, -6.4115, 5.7255

Details

The Hex color **2F3C2A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **372A3C**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5D6B57**, and **001200** is the 20% darker color. If you saturate the color by 10%, you get **2B3C24**, and if you desaturate by 10%, it is **333C30**.

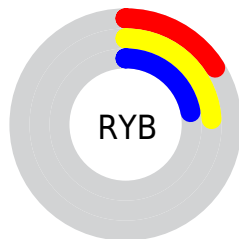
Distribution



Red (18%)

Green (24%)

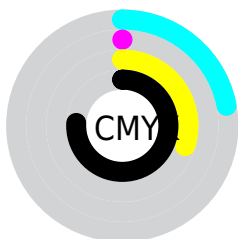
Blue (16%)



Red (16%)

Yellow (24%)

Blue (22%)

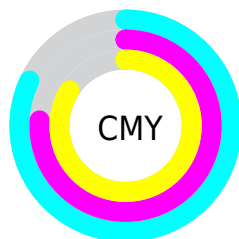


Cyan (22%)

Magenta (0%)

Yellow (30%)

Black (76%)



Cyan (82%)

Magenta (76%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3C2A 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 2F3C2A by changing the saturation by 10% instead.

■ 2F3C2A

■ 2F3C2A

FFFFFF

■ 1A2615

■ 5D6B57

■ 001200

■ 768570

■ 000000

■ 909F89

■ AABAA4

■ C5D5BF

■ E2F2DA

■ FFFFF7

■ 2F3C2A

■ 2F3C2A

■ 2B3C24

■ 333C30

■ 263C1E

■ 383C36

■ 223C18

■ 3C3C3C

■ 1E3C12

■ 403C42

■ 193C0C

■ 453C48

■ 153C06

■ 493C4E

■ 113C00

■ 4D3C54

■ 523C5A

■ 563C60

Harmonies

Analogous

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



3A3925



2F3C2A



243E33

Triad

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



2F3C2A



243B4B



4D3134

Complementary

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



2F3C2A



372A3C

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.



49323E



2F3C2A



33384C

Square

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



2F3C2A



1A3D46



403447



4A332B

Rectangle

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



2F3C2A



1D3E3A



403447



4C3137

Sweetspot

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



2F3C2A



4A4F48



3C372A



262924



A8A8A8



292929

Same Dimension

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



2F3C2A



3A4F33



2A3C2E



1C1F1C



1A5E00



3EDE00

Inverse Universe

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



372A3C



47334F



3C2A38



1E1C1F



44005E



A000DE

Previews

White Background



This preview shows how the Hex color 2F3C2A looks on a white background.

Color Contrast Check

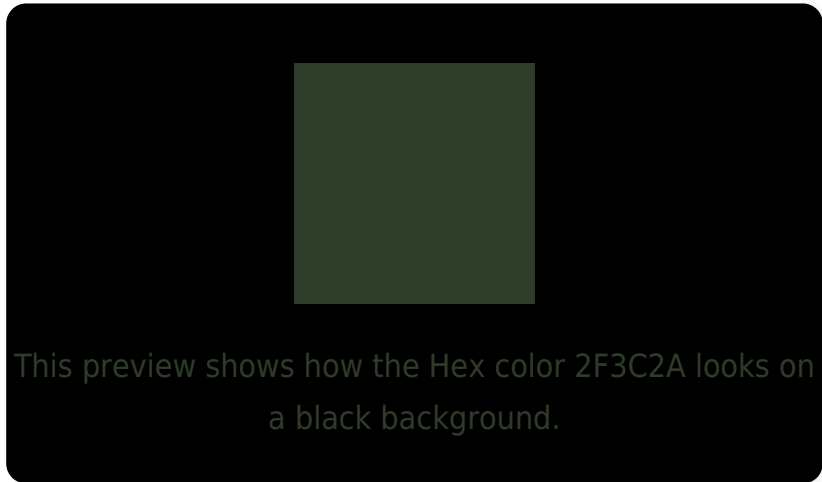
Large Text (above 18pt) WCAG AA ✓ Pass

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

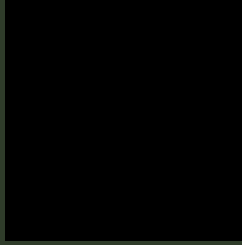
Any Text WCAG AA × Fail

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 2F3C2A Background



This preview shows how black text looks on a background with the Hex color 2F3C2A.



This preview shows how white text looks on a background with the Hex color 2F3C2A.

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](#).

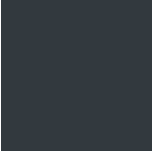
Dichromacy



Original Color
2F3C2A

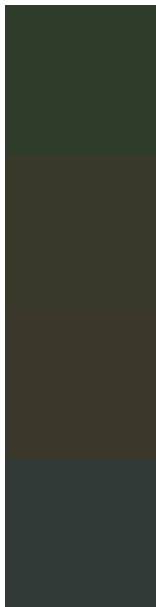
Protanopia
3D3828

Deuteranopia
42362B



Tritanopia
32393E

Trichromacy



Original Color

2F3C2A

Protanomaly

383929

Deuteranomaly

3B382B

Tritanomaly

313A37

Monochromacy



Original Color

2F3C2A

Achromatopsia

363636

Achromatomaly

333832

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3C2A 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 #2F3C2A looks like.

```
.text, #text, p{  
    color:#2F3C2A  
}
```

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 #2F3C2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3C2A
}
```

Border

The CSS property to change the border of an element to Hex 2F3C2A 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
#2F3C2A }
```

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

```
.border{ border-color:#2F3C2A }
```

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

Here you see how a box with a 4 pixel #2F3C2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3C2A; -webkit-box-shadow:4px 4px  
4px 4px #2F3C2A; box-shadow:4px 4px 4px  
4px #2F3C2A }
```

Background

The CSS property to change the background color of an element to Hex 2F3C2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3C2A }
```

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

```
.background{ background-color:#2F3C2A }
```

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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