

Converting Colors

Hex(2F3F30)

Have a look what the booklet for
Hex(2F3F30) contains.

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Color

Hex(2F3F30)

Conversions

Conversions Part 1

Format	Color
Hex	2F3F30
RGB	47, 63, 48
RGB Percent	18%, 25%, 19%
CMY	0.8157, 0.7529, 0.8118
CMYK	0.25, 0.00, 0.24, 0.75
HSL	124°, 15%, 22%
HSV	124°, 25%, 25%
XYZ	3.4833, 4.3728, 3.4567
YIQ	56.5060, -4.7210, -8.0570

Conversions

Conversions Part 2

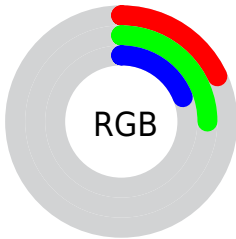
Format	Color
R_{YB}	47, 62, 63
Decimal	3096368
CIE Lab	24.87, -10.07, 7.13
CIE LCh	25, 12.341, 144.693
Yxy	4.3728, 0.3079, 0.3865
Android (android.graphics.Color)	4281286448 (0xFF2F3F30)
YUV	56.5060, -4.1935, -8.3368
Hunter-Lab	20.9111, -6.8606, 4.8368

Details

The Hex color **2F3F30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3F2F3E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5D6F5E**, and **001500** is the 20% darker color. If you saturate the color by 10%, you get **293F2A**, and if you desaturate by 10%, it is **353F36**.

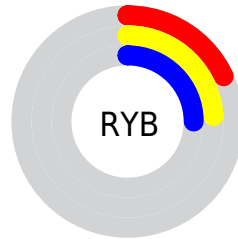
Distribution



Red (18%)

Green (25%)

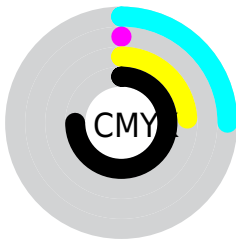
Blue (19%)



Red (18%)

Yellow (24%)

Blue (25%)

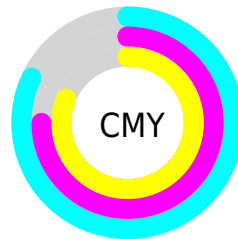


Cyan (25%)

Magenta (0%)

Yellow (24%)

Black (75%)



Cyan (82%)

Magenta (75%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3F30 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 2F3F30 by changing the saturation by 10% instead.

■ 2F3F30

■ 2F3F30

FFFFFF

■ 1A291B

■ 5D6F5E

■ 001500

■ 768877

■ 000000

■ 90A290

■ AABDAB

■ C6D9C6

■ E2F6E2

FEFFFF

■ 2F3F30

■ 2F3F30

■ 293F2A

■ 353F36

■ 223F24

■ 3C3F3C

■ 1C3F1E

■ 423F42

■ 163F18

■ 483F48

■ 103F12

■ 4F3F4E

■ 093F0D

■ 553F53

■ 033F07

■ 5B3F59

■ 003F04

■ 613F5F

■ 683F65

Harmonies

Analogous

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



3A3D2A



2F3F30



254039

Triad

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



2F3F30



2D3C4D



4E3534

Complementary

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



2F3F30



3F2F3E

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.



4C343D



2F3F30



3A394C

Square

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



2F3F30



223F4A



453646



4B372C

Rectangle

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



2F3F30



21403F



453646



4E3437

Sweetspot

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



2F3F30



4B524B



3E3F2F



252925



A8A8A8



292929

Same Dimension

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



2F3F30



39523B



2F3F38



1C1F1C



005E06



00DE0E

Inverse Universe

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



3F2F3E



523950



3F2F36



1F1C1E



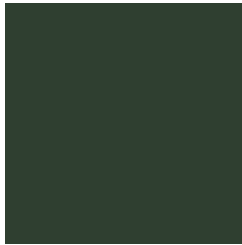
5E0058



DE00D0

Previews

White Background



This preview shows how the Hex color 2F3F30 looks on a white background.

Color Contrast Check

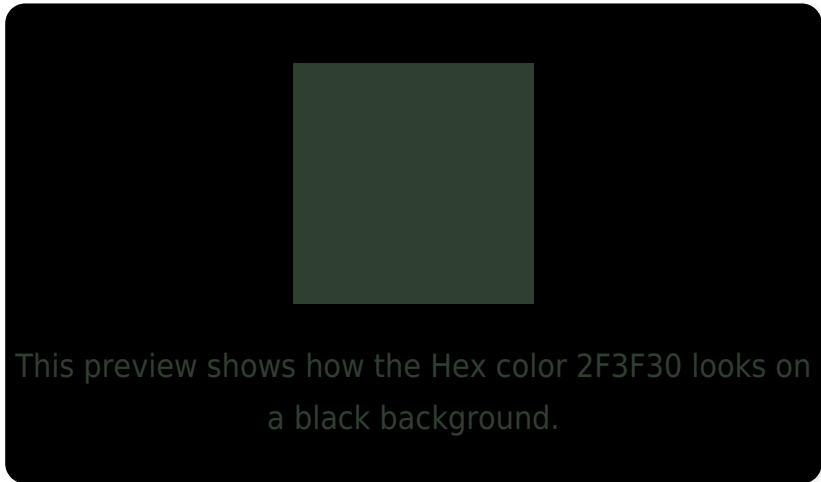
Large Text (above 18pt) WCAG AA ✓ Pass

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

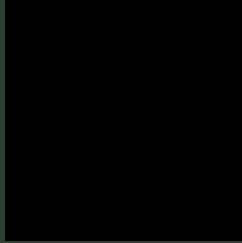
Any Text WCAG AA × Fail

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 2F3F30 Background



This preview shows how black text looks on a background with the Hex color 2F3F30.

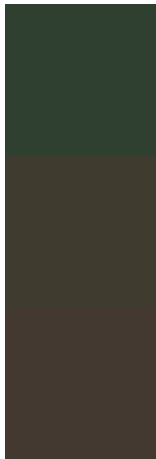


This preview shows how white text looks on a background with the Hex color 2F3F30.

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
2F3F30

Protanopia
3F3B2E

Deuteranopia
443931



Tritanopia
323D42

Trichromacy



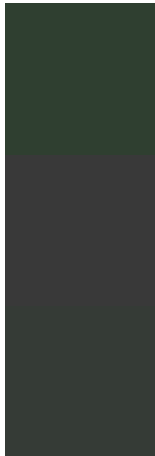
Original Color
2F3F30

Protanomaly
393C2F

Deuteranomaly
3C3B31

Tritanomaly
313E3B

Monochromacy



Original Color
2F3F30

Achromatopsia
393939

Achromatomaly
353B36

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3F30 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 #2F3F30 looks like.

```
.text, #text, p{  
    color:#2F3F30  
}
```

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 #2F3F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3F30
}
```

Border

The CSS property to change the border of an element to Hex 2F3F30 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".

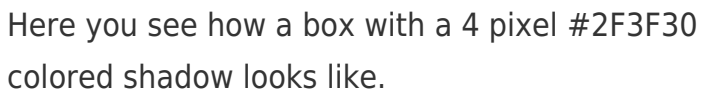
```
.border, #border, table{ border:4px solid
#2F3F30 }
```

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

```
.border{ border-color:#2F3F30 }
```

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

Here you see how a box with a 4 pixel #2F3F30 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3F30; -webkit-box-shadow:4px 4px  
4px 4px #2F3F30; box-shadow:4px 4px 4px  
4px #2F3F30 }
```

Background

The CSS property to change the background color of an element to Hex 2F3F30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3F30 }
```

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

```
.background{ background-color:#2F3F30 }
```

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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