

Converting Colors

Hex(2F3836)

Have a look what the booklet for
Hex(2F3836) contains.

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Color

Hex(2F3836)

Conversions

Conversions Part 1

Format	Color
Hex	2F3836
RGB	47, 56, 54
RGB Percent	18%, 22%, 21%
CMY	0.8157, 0.7804, 0.7882
CMYK	0.16, 0.00, 0.04, 0.78
HSL	167°, 9%, 20%
HSV	167°, 16%, 22%
XYZ	3.2523, 3.6990, 4.0326
YIQ	53.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

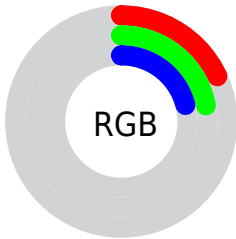
Format	Color
R_{YB}	47, 52, 56
Decimal	3094582
CIE Lab	22.65, -4.27, -0.03
CIE LCh	23, 4.271, 180.369
Yxy	3.6990, 0.2961, 0.3368
Android (android.graphics.Color)	4281284662 (0xFF2F3836)
YUV	53.0810, 0.4531, -5.3330
Hunter-Lab	19.2329, -3.4727, 1.0315

Details

The Hex color **2F3836** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **382F31**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **5D6765**, and **000D0A** is the 20% darker color. If you saturate the color by 10%, you get **293835**, and if you desaturate by 10%, it is **353837**.

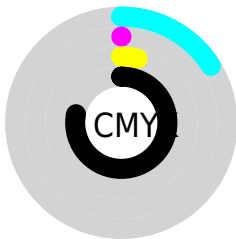
Distribution



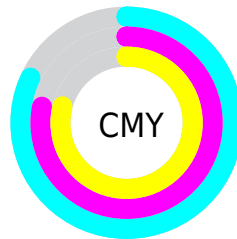
- Red (18%)
- Green (22%)
- Blue (21%)



- Red (18%)
- Yellow (20%)
- Blue (22%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (78%)



- Cyan (82%)
- Magenta (78%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3836 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 2F3836 by changing the saturation by 10% instead.



2F3836



2F3836

FFFFFF



1A2321



5D6765



000D0A



76807E



000000



8F9A97



AAB5B2



C5D0CE



E1ECEA

FEFFFF



2F3836



2F3836

■ 293835

■ 353837

■ 243834

■ 3A3838

■ 1E3832

■ 40383A

■ 193831

■ 45383B

■ 133830

■ 4B383C

■ 0D382F

■ 51383D

■ 08382D

■ 56383F

■ 02382C

■ 5C3840

■ 00382C

■ 613841

Harmonies

Analogous

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



323833



2F3836



2E3839

Triad

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



2F3836



37353C



3C3531

Complementary

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



2F3836



382F31

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.



3D3433



2F3836



3A3439

Square

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



2F3836



33363C



3D3436



393630

Rectangle

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



2F3836



2F383B



3D3436



3C3531

Sweetspot

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



2F3836



464A49



31382F



242626



A6A6A6



262626

Same Dimension

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



2F3836



3C4A47



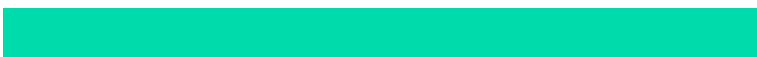
2F3638



191C1B



005C47



00DBAB

Inverse Universe

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



382F31



4A3C3F



38312F



1C191A



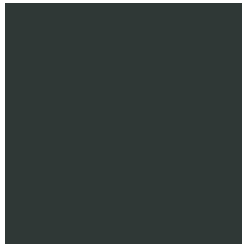
5C0014



DB0031

Previews

White Background



This preview shows how the Hex color 2F3836 looks on a white background.

Color Contrast Check

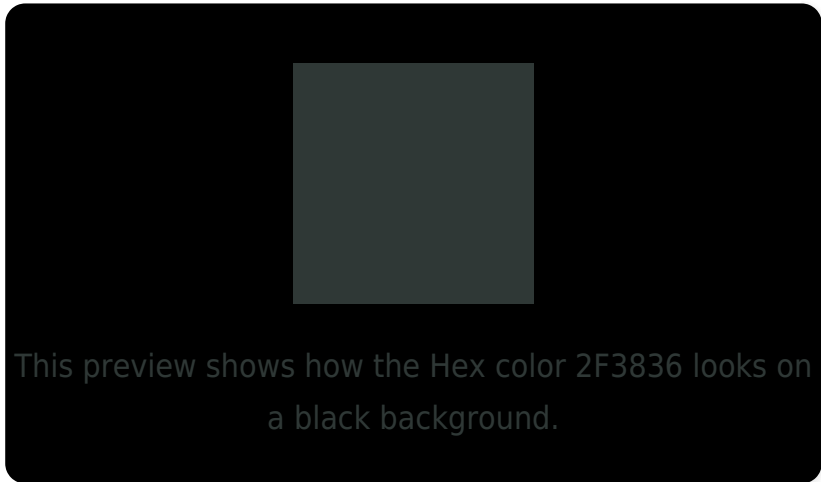
Large Text (above 18pt) WCAG AA ✓ Pass

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

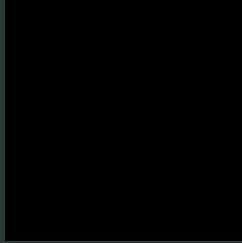
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

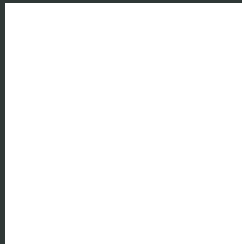
Any Text WCAG AAA × Fail

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

Hex 2F3836 Background



This preview shows how black text looks on a background with the Hex color 2F3836.

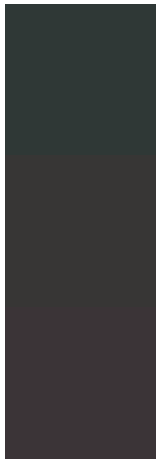


This preview shows how white text looks on a background with the Hex color 2F3836.

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
2F3836

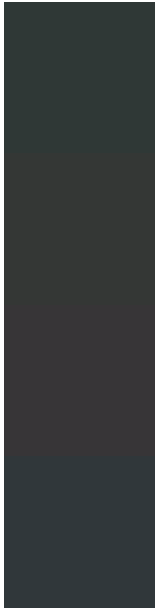
Protanopia
373635

Deuteranopia
3B3437



Tritanopia
30373C

Trichromacy



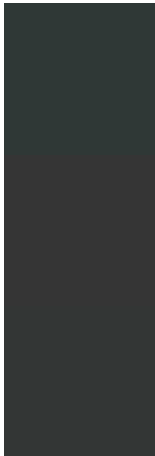
Original Color
2F3836

Protanomaly
343735

Deuteranomaly
373537

Tritanomaly
30373A

Monochromacy



Original Color
2F3836

Achromatopsia
353535

Achromatomaly
333635

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3836 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 #2F3836 looks like.

```
.text, #text, p{  
    color:#2F3836  
}
```

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 #2F3836 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3836
}
```

Border

The CSS property to change the border of an element to Hex 2F3836 is called "border". The border property can be set on classes, ids or directly on the HTML element.

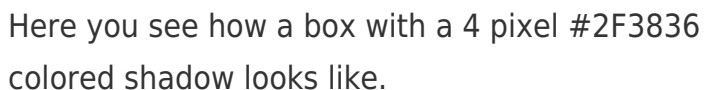
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F3836 }
```

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

```
.border{ border-color:#2F3836 }
```

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



Here you see how a box with a 4 pixel #2F3836 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3836; -webkit-box-shadow:4px 4px  
4px 4px #2F3836; box-shadow:4px 4px 4px  
4px #2F3836 }
```

Background

The CSS property to change the background color of an element to Hex 2F3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3836 }
```

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

```
.background{ background-color:#2F3836 }
```

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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