

Converting Colors

Hex(2F3B37)

Have a look what the booklet for
Hex(2F3B37) contains.

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Color

Hex(2F3B37)

Conversions

Conversions Part 1

Format	Color
Hex	2F3B37
RGB	47, 59, 55
RGB Percent	18%, 23%, 22%
CMY	0.8157, 0.7686, 0.7843
CMYK	0.20, 0.00, 0.07, 0.77
HSL	160°, 11%, 21%
HSV	160°, 20%, 23%
XYZ	3.4258, 4.0081, 4.2075
YIQ	54.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

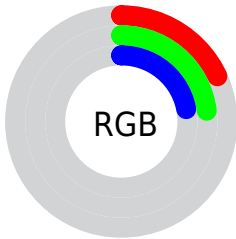
Format	Color
R_YB	47, 54, 59
Decimal	3095351
CIE Lab	23.70, -5.95, 0.83
CIE LCh	24, 6.007, 172.069
Yxy	4.0081, 0.2943, 0.3443
Android (android.graphics.Color)	4281285431 (0xFF2F3B37)
YUV	54.9560, 0.0217, -6.9774
Hunter-Lab	20.0202, -4.4907, 1.5536

Details

The Hex color **2F3B37** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B2F33**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5D6A66**, and **00110B** is the 20% darker color. If you saturate the color by 10%, you get **293B35**, and if you desaturate by 10%, it is **353B39**.

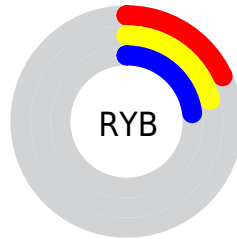
Distribution



Red (18%)

Green (23%)

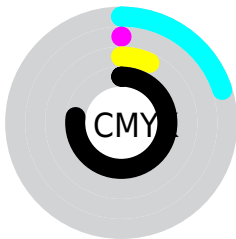
Blue (22%)



Red (18%)

Yellow (21%)

Blue (23%)

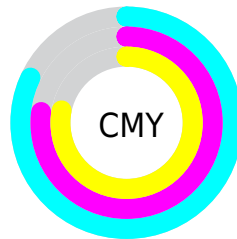


Cyan (20%)

Magenta (0%)

Yellow (7%)

Black (77%)



Cyan (82%)

Magenta (77%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3B37 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 2F3B37 by changing the saturation by 10% instead.

■ 2F3B37

■ 2F3B37

FFFFFF

■ 1A2522

■ 5D6A66

■ 00110B

■ 76837F

■ 000000

■ 8F9D99

■ AAB8B3

■ C5D4CF

■ E1F0EB

FFFFFF

■ 2F3B37

■ 2F3B37

■ 293B35

■ 353B39

■ 233B33

■ 3B3B3B

■ 1D3B31

■ 413B3D

■ 173B2F

■ 473B3F

■ 113B2D

■ 4D3B41

■ 0C3B2B

■ 523B43

■ 063B29

■ 583B45

■ 003B27

■ 5E3B47

■ 643B49

Harmonies

Analogous

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



333A33



2F3B37



2D3B3C

Triad

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



2F3B37



383841



413631

Complementary

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



2F3B37



3B2F33

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.



423535



2F3B37



3D363E

Square

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



2F3B37



323941



41353A



3D3830

Rectangle

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



2F3B37



2D3B3E



41353A



413633

Sweetspot

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



2F3B37



484D4B



333B2F



242625



A6A6A6



262626

Same Dimension

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



2F3B37



3A4D46



2F393B



1C1F1E



005E3F



00DE94

Inverse Universe

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



3B2F33



4D3A40



3B312F



1F1C1D



5E001F



DE004A

Previews

White Background



This preview shows how the Hex color 2F3B37 looks on a white background.

Color Contrast Check

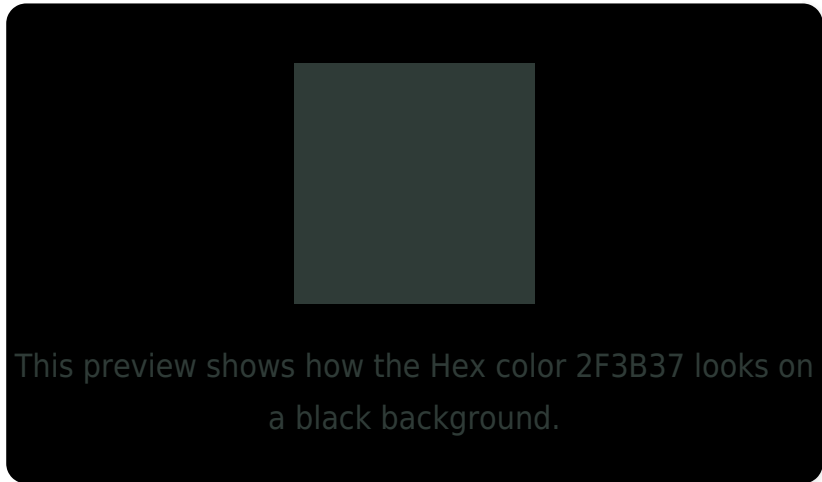
Large Text (above 18pt) WCAG AA ✓ Pass

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

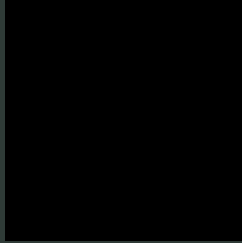
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

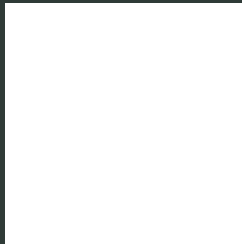
Any Text WCAG AAA × Fail

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

Hex 2F3B37 Background



This preview shows how black text looks on a background with the Hex color 2F3B37.

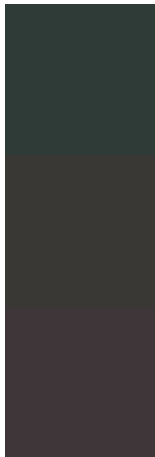


This preview shows how white text looks on a background with the Hex color 2F3B37.

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
2F3B37

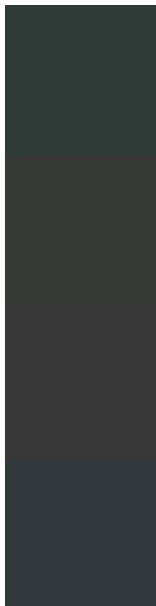
Protanopia
3A3835

Deuteranopia
3E3638



Tritanopia
303A3F

Trichromacy



Original Color

2F3B37

Protanomaly

363936

Deuteranomaly

393838

Tritanomaly

303A3C

Monochromacy



Original Color

2F3B37

Achromatopsia

373737

Achromatomaly

343837

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3B37 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 #2F3B37 looks like.

```
.text, #text, p{  
    color:#2F3B37  
}
```

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 #2F3B37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3B37
}
```

Border

The CSS property to change the border of an element to Hex 2F3B37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

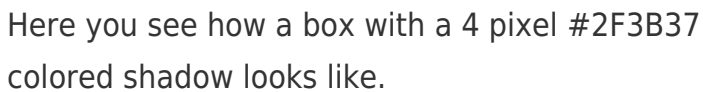
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F3B37 }
```

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

```
.border{ border-color:#2F3B37 }
```

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



Here you see how a box with a 4 pixel #2F3B37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3B37; -webkit-box-shadow:4px 4px  
4px 4px #2F3B37; box-shadow:4px 4px 4px  
4px #2F3B37 }
```

Background

The CSS property to change the background color of an element to Hex 2F3B37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3B37 }
```

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

```
.background{ background-color:#2F3B37 }
```

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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