

Converting Colors

Hex(2F343B)

Have a look what the booklet for
Hex(2F343B) contains.

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Color

Hex(2F343B)

Conversions

Conversions Part 1

Format	Color
Hex	2F343B
RGB	47, 52, 59
RGB Percent	18%, 20%, 23%
CMY	0.8157, 0.7961, 0.7686
CMYK	0.20, 0.12, 0.00, 0.77
HSL	215°, 11%, 21%
HSV	215°, 20%, 23%
XYZ	3.1897, 3.3761, 4.6212
YIQ	51.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

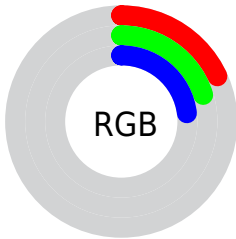
Format	Color
R_{YB}	47, 51, 59
Decimal	3093563
CIE _{Lab}	21.49, -0.32, -5.12
CIE _{LCh}	21, 5.134, 266.399
Yxy	3.3761, 0.2851, 0.3018
Android (android.graphics.Color)	4281283643 (0xFF2F343B)
YUV	51.3030, 3.7946, -3.7737
Hunter-Lab	18.3741, -1.1676, -2.0499

Details

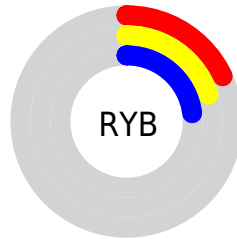
The Hex color **2F343B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B362F**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5D626A**, and **000611** is the 20% darker color. If you saturate the color by 10%, you get **29313B**, and if you desaturate by 10%, it is **35373B**.

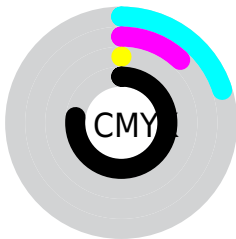
Distribution



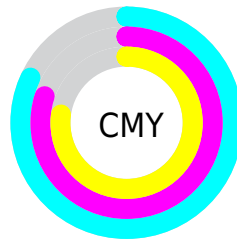
- Red (18%)
- Green (20%)
- Blue (23%)



- Red (18%)
- Yellow (20%)
- Blue (23%)



- Cyan (20%)
- Magenta (12%)
- Yellow (0%)
- Black (77%)



- Cyan (82%)
- Magenta (80%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F343B 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 2F343B by changing the saturation by 10% instead.

■ 2F343B

■ 2F343B

FFFFFF

■ 1A1F25

■ 5D626A

■ 000611

■ 767B83

■ 000000

■ 8F959D

■ AAB0B8

■ C5CBD4

■ E1E7F0

FEFFFF

■ 2F343B

■ 2F343B

■ 29313B

■ 35373B

■ 232D3B

■ 3B3B3B

■ 1D2A3B

■ 413E3B

■ 17263B

■ 47423B

■ 11233B

■ 4D453B

■ 0C1F3B

■ 52493B

■ 061C3B

■ 584C3B

■ 00193B

■ 5E503B

■ 64533B

Harmonies

Analogous

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



2B353A



2F343B



34333A

Triad

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



2F343B



3C3130



2F352F

Complementary

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



2F343B



3B362F

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.



33342D



2F343B



3A322D

Square

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



2F343B



3B3134



37332C



2B3633

Rectangle

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



2F343B



373239



37332C



30352E

Sweetspot

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



2F343B



484A4D



2F3B36



242526



A6A6A6



262626

Same Dimension

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



2F343B



3A424D



302F3B



1C1D1F



00275E



005CDE

Inverse Universe

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



3B2F34



4D3A42



3A3B2F



1F1C1D



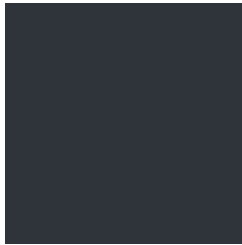
5E0027



DE005C

Previews

White Background



This preview shows how the Hex color 2F343B looks on a white background.

Color Contrast Check

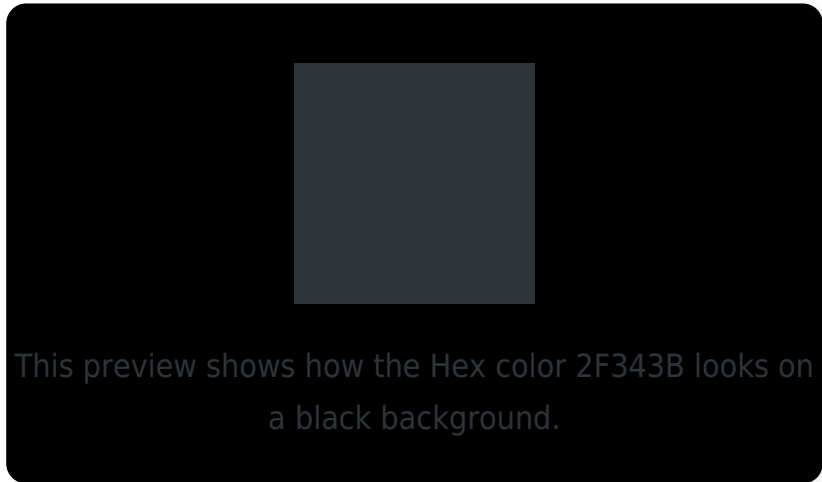
Large Text (above 18pt) WCAG AA ✓ Pass

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

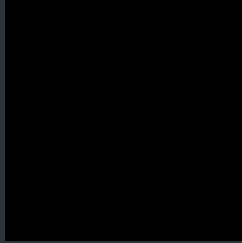
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

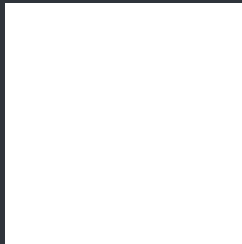
Any Text WCAG AAA × Fail

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

Hex 2F343B Background



This preview shows how black text looks on a background with the Hex color 2F343B.



This preview shows how white text looks on a background with the Hex color 2F343B.

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
2F343B

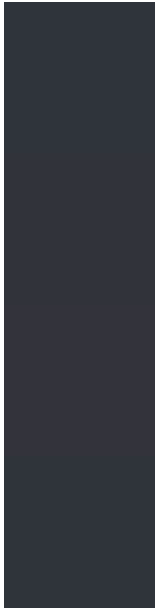
Protanopia
32333A

Deuteranopia
35323B



Tritanopia
2F3439

Trichromacy



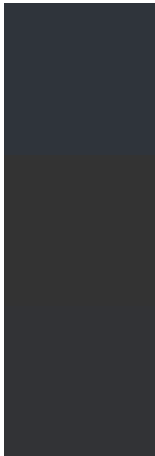
Original Color
2F343B

Protanomaly
31333A

Deuteranomaly
33333B

Tritanomaly
2F343A

Monochromacy



Original Color
2F343B

Achromatopsia
333333

Achromatomaly
323336

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F343B 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 #2F343B looks like.

```
.text, #text, p{  
    color:#2F343B  
}
```

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 #2F343B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F343B
}
```

Border

The CSS property to change the border of an element to Hex 2F343B is called "border". The border property can be set on classes, ids or directly on the HTML element.

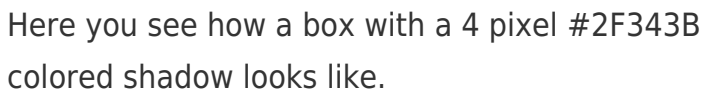
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F343B }
```

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

```
.border{ border-color:#2F343B }
```

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



Here you see how a box with a 4 pixel #2F343B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F343B; -webkit-box-shadow:4px 4px  
4px 4px #2F343B; box-shadow:4px 4px 4px  
4px #2F343B }
```

Background

The CSS property to change the background color of an element to Hex 2F343B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F343B }
```

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

```
.background{ background-color:#2F343B }
```

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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