

Converting Colors

Hex(2F323A)

Have a look what the booklet for
Hex(2F323A) contains.

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Color

Hex(2F323A)

Conversions

Conversions Part 1

Format	Color
Hex	2F323A
RGB	47, 50, 58
RGB Percent	18%, 20%, 23%
CMY	0.8157, 0.8039, 0.7725
CMYK	0.19, 0.14, 0.00, 0.77
HSL	224°, 10%, 21%
HSV	224°, 19%, 23%
XYZ	3.0766, 3.1910, 4.4568
YIQ	50.0150, -4.3560, 1.8520

Conversions

Conversions Part 2

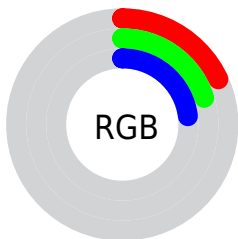
Format	Color
R_{YB}	47, 49, 58
Decimal	3093050
CIE _{Lab}	20.79, 0.76, -5.49
CIE _{LCh}	21, 5.541, 277.851
Yxy	3.1910, 0.2869, 0.2975
Android (android.graphics.Color)	4281283130 (0xFF2F323A)
YUV	50.0150, 3.9366, -2.6442
Hunter-Lab	17.8635, -0.5181, -2.2879

Details

The Hex color **2F323A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A372F**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5D6069**, and **00030F** is the 20% darker color. If you saturate the color by 10%, you get **292E3A**, and if you desaturate by 10%, it is **35363A**.

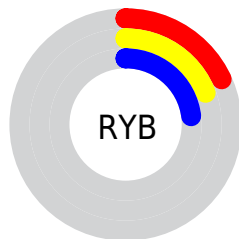
Distribution



Red (18%)

Green (20%)

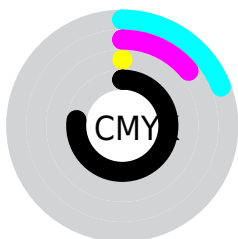
Blue (23%)



Red (18%)

Yellow (19%)

Blue (23%)

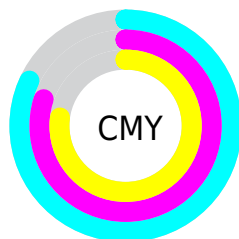


Cyan (19%)

Magenta (14%)

Yellow (0%)

Black (77%)



Cyan (82%)

Magenta (80%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F323A 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 2F323A by changing the saturation by 10% instead.



2F323A



2F323A

FFFFFF



1A1D24



5D6069



00030F



767982



000000



8F939C



AAADB7



C5C8D3



E1E5EF

FEFFFF



2F323A



2F323A

■ 292E3A

■ 35363A

■ 232A3A

■ 3B3A3A

■ 1E253A

■ 403F3A

■ 18213A

■ 46433A

■ 121D3A

■ 4C473A

■ 0C193A

■ 524B3A

■ 06143A

■ 58503A

■ 01103A

■ 5D543A

■ 00103A

■ 63583A

Harmonies

Analogous

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



2A3339



2F323A



343138

Triad

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



2F323A



3A302D



2B342F

Complementary

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



2F323A



3A372F

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.



30332C



2F323A



38312B

Square

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



2F323A



3B2F31



34322A



283433

Rectangle

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



2F323A



373036



34322A



2D342E

Sweetspot

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



2F323A



48494D



2F3A37



242426



A6A6A6



262626

Same Dimension

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



2F323A



3B404D



312F3A



191A1C



00195C



003CDB

Inverse Universe

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



3A2F32



4D3B40



383A2F



1C191A



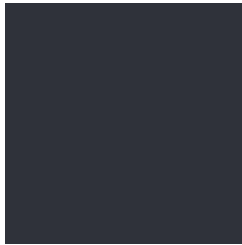
5C0019



DB003C

Previews

White Background



This preview shows how the Hex color 2F323A looks on a white background.

Color Contrast Check

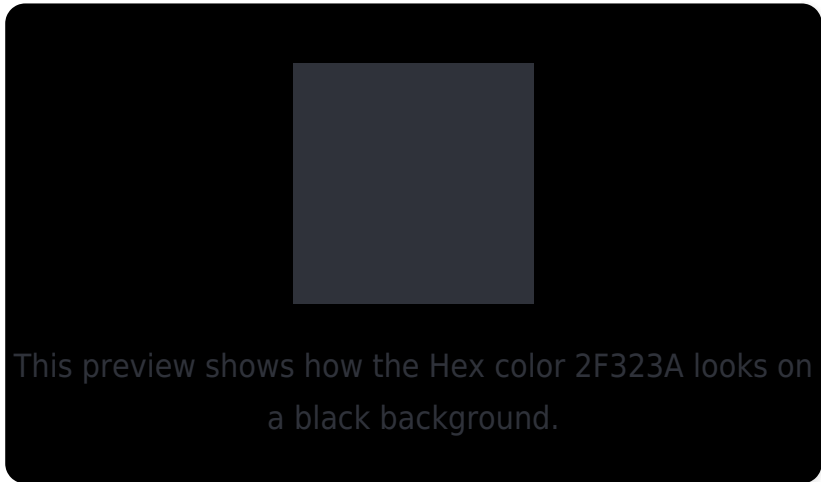
Large Text (above 18pt) WCAG AA ✓ Pass

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

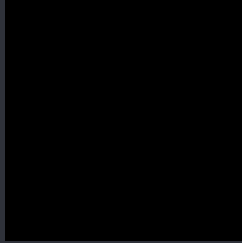
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

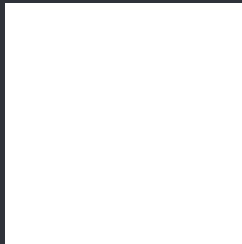
Any Text WCAG AAA × Fail

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

Hex 2F323A Background



This preview shows how black text looks on a background with the Hex color 2F323A.

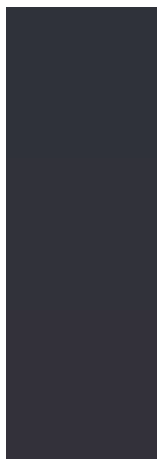


This preview shows how white text looks on a background with the Hex color 2F323A.

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](#).

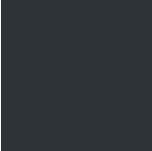
Dichromacy



Original Color
2F323A

Protanopia
31323A

Deuteranopia
33313A



Tritanopia
2E3337

Trichromacy



Original Color

2F323A

Protanomaly

30323A

Deuteranomaly

32313A

Tritanomaly

2E3338

Monochromacy



Original Color

2F323A

Achromatopsia

323232

Achromatomaly

313235

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F323A 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 #2F323A looks like.

```
.text, #text, p{  
    color:#2F323A  
}
```

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 #2F323A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F323A
}
```

Border

The CSS property to change the border of an element to Hex 2F323A is called "border". The border property can be set on classes, ids or directly on the HTML element.

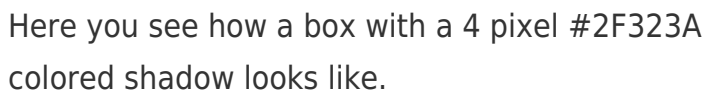
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F323A }
```

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

```
.border{ border-color:#2F323A }
```

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



Here you see how a box with a 4 pixel #2F323A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F323A; -webkit-box-shadow:4px 4px  
4px 4px #2F323A; box-shadow:4px 4px 4px  
4px #2F323A }
```

Background

The CSS property to change the background color of an element to Hex 2F323A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F323A }
```

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

```
.background{ background-color:#2F323A }
```

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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