

Converting Colors

Hex(2F3140)

Have a look what the booklet for
Hex(2F3140) contains.

Hex(2F3140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2F3140)

Conversions

Conversions Part 1

Format	Color
Hex	2F3140
RGB	47, 49, 64
RGB Percent	18%, 19%, 25%
CMY	0.8157, 0.8078, 0.7490
CMYK	0.27, 0.23, 0.00, 0.75
HSL	233°, 15%, 22%
HSV	233°, 27%, 25%
XYZ	3.1960, 3.1711, 5.2941
YIQ	50.1120, -6.0070, 4.2410

Conversions

Conversions Part 2

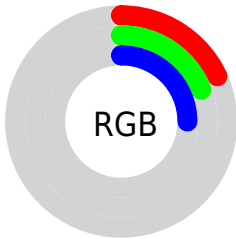
Format	Color
R_{YB}	47, 49, 64
Decimal	3092800
CIE _{Lab}	20.72, 3.12, -9.69
CIE _{LCh}	21, 10.184, 287.857
Yxy	3.1711, 0.2741, 0.2719
Android (android.graphics.Color)	4281282880 (0xFF2F3140)
YUV	50.1120, 6.8468, -2.7292
Hunter-Lab	17.8077, 0.8727, -5.1613

Details

The Hex color **2F3140** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **403E2F**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5D5F70**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **292B40**, and if you desaturate by 10%, it is **353740**.

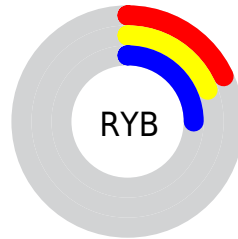
Distribution



 Red (18%)

 Green (19%)

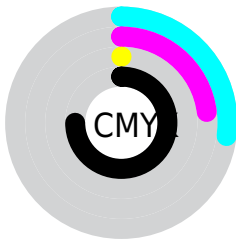
 Blue (25%)





 Red (18%)

 Yellow (19%)

 Blue (25%)

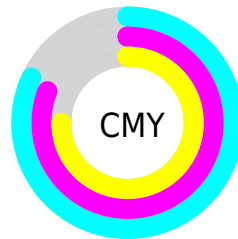


 Cyan (27%)

 Magenta (23%)

 Yellow (0%)

 Black (75%)



 Cyan (82%)

 Magenta (81%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3140 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 2F3140 by changing the saturation by 10% instead.

■ 2F3140

■ 2F3140

FFFFFF

■ 1A1C2A

■ 5D5F70

■ 000116

■ 767889

■ 000000

■ 9091A3

■ AAACBF

■ C6C7DA

■ E2E3F7

FEFFFF

■ 2F3140

■ 2F3140

■ 292B40

■ 353740

■ 222640

■ 3C3C40

■ 1C2040

■ 424240

■ 151A40

■ 494840

■ 0F1540

■ 4F4D40

■ 090F40

■ 555340

■ 020940

■ 5C5940

■ 000840

■ 625E40

■ 696440

Harmonies

Analogous

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



253340



2F3140



382E3C

Triad

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



2F3140



3F2E27



22362E

Complementary

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



2F3140



403E2F

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.



2A3528



2F3140



3A3023

Square

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



2F3140



412D2E



333324



1D3636

Rectangle

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



2F3140



3D2D38



333324



25362C

Sweetspot

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



2F3140



4D4E54



2F403E



27282B



ABABAB



2B2B2B

Same Dimension

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



2F3140



393C54



352F40



1E1E21



000B61



001AE0

Inverse Universe

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



402F31



54393C



3A402F



211E1E



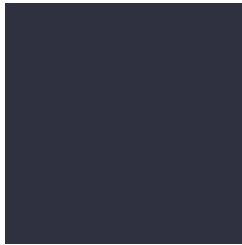
61000B



E0001A

Previews

White Background



This preview shows how the Hex color 2F3140 looks on a white background.

Color Contrast Check

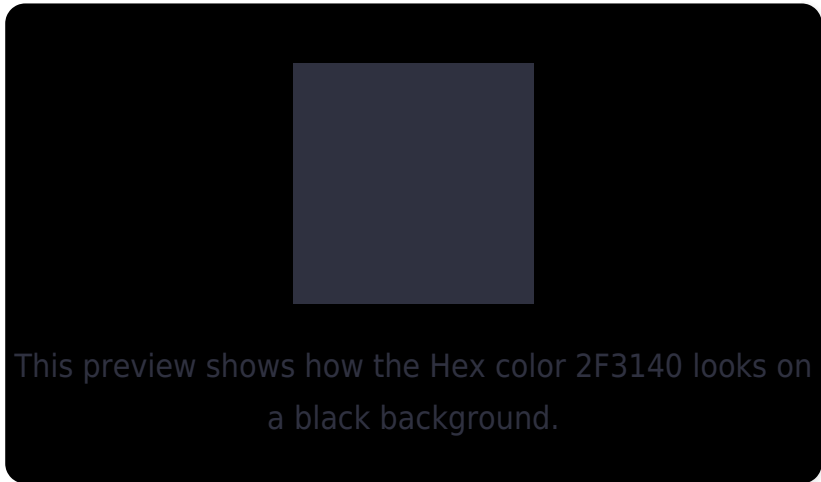
Large Text (above 18pt) WCAG AA ✓ Pass

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

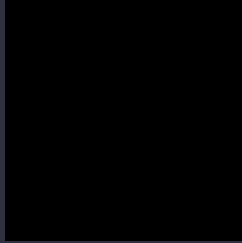
Any Text WCAG AA × Fail

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 2F3140 Background



This preview shows how black text looks on a background with the Hex color 2F3140.



This preview shows how white text looks on a background with the Hex color 2F3140.

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](#).

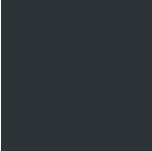
Dichromacy



Original Color
2F3140

Protanopia
2E3140

Deuteranopia
2F3140



Tritanopia
2D3337

Trichromacy



Original Color
2F3140

Protanomaly
2E3140

Deuteranomaly
2F3140

Tritanomaly
2E323A

Monochromacy



Original Color
2F3140

Achromatopsia
323232

Achromatomaly
313237

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3140 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 #2F3140 looks like.

```
.text, #text, p{  
    color:#2F3140  
}
```

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 #2F3140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3140
}
```

Border

The CSS property to change the border of an element to Hex 2F3140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

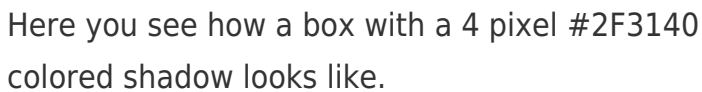
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F3140 }
```

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

```
.border{ border-color:#2F3140 }
```

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



Here you see how a box with a 4 pixel #2F3140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3140; -webkit-box-shadow:4px 4px  
4px 4px #2F3140; box-shadow:4px 4px 4px  
4px #2F3140 }
```

Background

The CSS property to change the background color of an element to Hex 2F3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3140 }
```

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

```
.background{ background-color:#2F3140 }
```

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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