

Converting Colors

Hex(2F3139)

Have a look what the booklet for
Hex(2F3139) contains.

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Color

Hex(2F3139)

Conversions

Conversions Part 1

Format	Color
Hex	2F3139
RGB	47, 49, 57
RGB Percent	18%, 19%, 22%
CMY	0.8157, 0.8078, 0.7765
CMYK	0.18, 0.14, 0.00, 0.78
HSL	228°, 10%, 20%
HSV	228°, 18%, 22%
XYZ	3.0091, 3.0964, 4.3100
YIQ	49.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

Format	Color
RYB	47, 49, 57
Decimal	3092793
CIELab	20.43, 1.17, -5.36
CIElCh	20, 5.483, 282.288
Yxy	3.0964, 0.2889, 0.2973
Android (android.graphics.Color)	4281282873 (0xFF2F3139)
YUV	49.3140, 3.7892, -2.0294
Hunter-Lab	17.5965, -0.2692, -2.2045

Details

The Hex color **2F3139** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **39372F**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5D5F68**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **292C39**, and if you desaturate by 10%, it is **353639**.

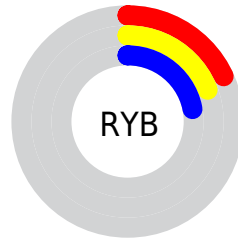
Distribution



Red (18%)

Green (19%)

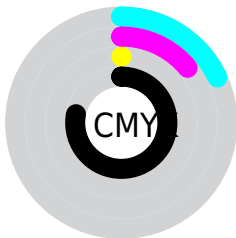
Blue (22%)



Red (18%)

Yellow (19%)

Blue (22%)

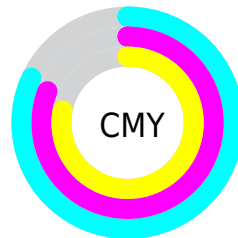


Cyan (18%)

Magenta (14%)

Yellow (0%)

Black (78%)



Cyan (82%)

Magenta (81%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3139 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 2F3139 by changing the saturation by 10% instead.

■ 2F3139

■ 2F3139

FFFFFF

■ 1A1C24

■ 5D5F68

■ 00010E

■ 767881

■ 000000

■ 8F919B

■ AAACB6

■ C5C7D1

■ E1E3EE

FEFFFF

■ 2F3139

■ 2F3139

■ 292C39

■ 353639

■ 242839

■ 3A3A39

■ 1E2339

■ 403F39

■ 181F39

■ 464339

■ 131A39

■ 4C4839

■ 0D1639

■ 514C39

■ 071139

■ 575139

■ 010D39

■ 5D5539

■ 000B39

■ 625A39

Harmonies

Analogous

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



2A3239



2F3139



343037

Triad

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



2F3139



392F2C



2A332F

Complementary

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



2F3139



39372F

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.



2E332B



2F3139



37302A

Square

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



2F3139



3A2E30



333129



273433

Rectangle

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



2F3139



372F35



333129



2B332D

Sweetspot

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



2F3139



46474A



2F3937



242426



A6A6A6



262626

Same Dimension

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



2F3139



3A3E4A



322F39



191A1C



00125C



002CDB

Inverse Universe

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



392F31



4A3A3E



36392F



1C191A



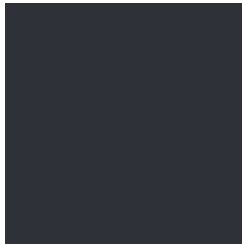
5C0012



DB002C

Previews

White Background



This preview shows how the Hex color 2F3139 looks on a white background.

Color Contrast Check

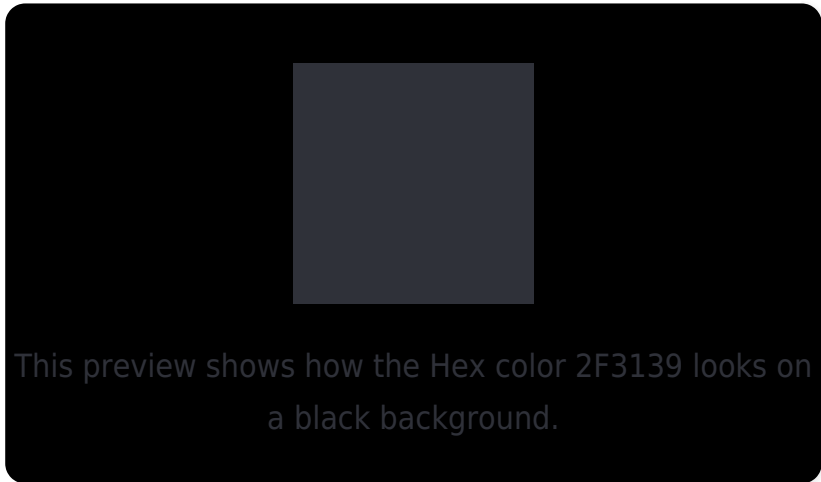
Large Text (above 18pt) WCAG AA ✓ Pass

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

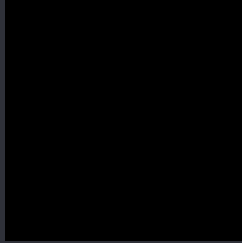
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

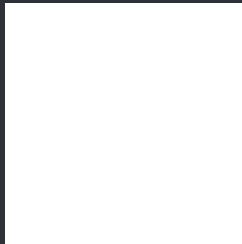
Any Text WCAG AAA × Fail

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

Hex 2F3139 Background



This preview shows how black text looks on a background with the Hex color 2F3139.



This preview shows how white text looks on a background with the Hex color 2F3139.

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](#).

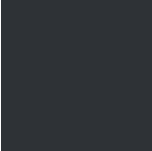
Dichromacy



Original Color
2F3139

Protanopia
303139

Deuteranopia
323039



Tritanopia
2E3236

Trichromacy



Original Color
2F3139

Protanomaly
303139

Deuteranomaly
313039

Tritanomaly
2E3237

Monochromacy



Original Color
2F3139

Achromatopsia
313131

Achromatomaly
303134

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3139 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 #2F3139 looks like.

```
.text, #text, p{  
    color:#2F3139  
}
```

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 #2F3139 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3139
}
```

Border

The CSS property to change the border of an element to Hex 2F3139 is called "border". The border property can be set on classes, ids or directly on the HTML element.

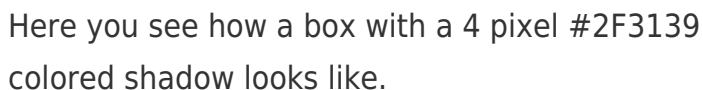
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F3139 }
```

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

```
.border{ border-color:#2F3139 }
```

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



Here you see how a box with a 4 pixel #2F3139 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3139; -webkit-box-shadow:4px 4px  
4px 4px #2F3139; box-shadow:4px 4px 4px  
4px #2F3139 }
```

Background

The CSS property to change the background color of an element to Hex 2F3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3139 }
```

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

```
.background{ background-color:#2F3139 }
```

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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