

Converting Colors

Hex(2F4139)

Have a look what the booklet for
Hex(2F4139) contains.

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Color

Hex(2F4139)

Conversions

Conversions Part 1

Format	Color
Hex	2F4139
RGB	47, 65, 57
RGB Percent	18%, 25%, 22%
CMY	0.8157, 0.7451, 0.7765
CMYK	0.28, 0.00, 0.12, 0.75
HSL	153°, 16%, 22%
HSV	153°, 28%, 25%
XYZ	3.8011, 4.6803, 4.5740
YIQ	58.7060, -8.1600, -6.3040

Conversions

Conversions Part 2

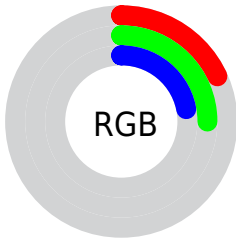
Format	Color
RYB	47, 59, 65
Decimal	3096889
CIELab	25.80, -9.20, 2.55
CIELCh	26, 9.550, 164.509
Yxy	4.6803, 0.2912, 0.3585
Android (android.graphics.Color)	4281286969 (0xFF2F4139)
YUV	58.7060, -0.8411, -10.2662
Hunter-Lab	21.6341, -6.4972, 2.6086

Details

The Hex color **2F4139** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **412F37**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5D7168**, and **00170E** is the 20% darker color. If you saturate the color by 10%, you get **294136**, and if you desaturate by 10%, it is **36413C**.

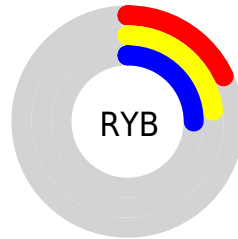
Distribution



Red (18%)

Green (25%)

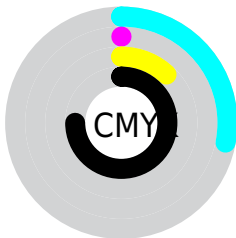
Blue (22%)



Red (18%)

Yellow (23%)

Blue (25%)

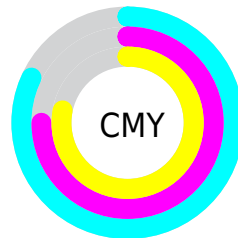


Cyan (28%)

Magenta (0%)

Yellow (12%)

Black (75%)



Cyan (82%)

Magenta (75%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4139 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 2F4139 by changing the saturation by 10% instead.

■ 2F4139

■ 2F4139

FFFFFF

■ 1A2B24

■ 5D7168

■ 00170E

■ 768A81

■ 000000

■ 90A59B

■ AAC0B6

■ C6DCD1

■ E2F8EE

■ 2F4139

■ 2F4139

■ 294136

■ 36413C

■ 224133

■ 3C413F

■ 1C4130

■ 434142

■ 15412D

■ 494145

■ 0F412B

■ 504147

■ 084128

■ 56414A

■ 024125

■ 5D414D

■ 004124

■ 634150

■ 6A4153

Harmonies

Analogous

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



374033



2F4139



2A4140

Triad

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



2F4139



393D4B



4B3933

Complementary

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



2F4139



412F37

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.



4C383A



2F4139



433A47

Square

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



2F4139



303F4B



493841



463B2F

Rectangle

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



2F4139



294145



493841



4C3935

Sweetspot

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



2F4139



4D5451



37412F



272B29



ABABAB



2B2B2B

Same Dimension

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



2F4139



385448



2F4041



1E2120



006136



00E07D

Inverse Universe

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



412F37



543845



41302F



211E1F



61002B



E00064

Previews

White Background



This preview shows how the Hex color 2F4139 looks on a white background.

Color Contrast Check

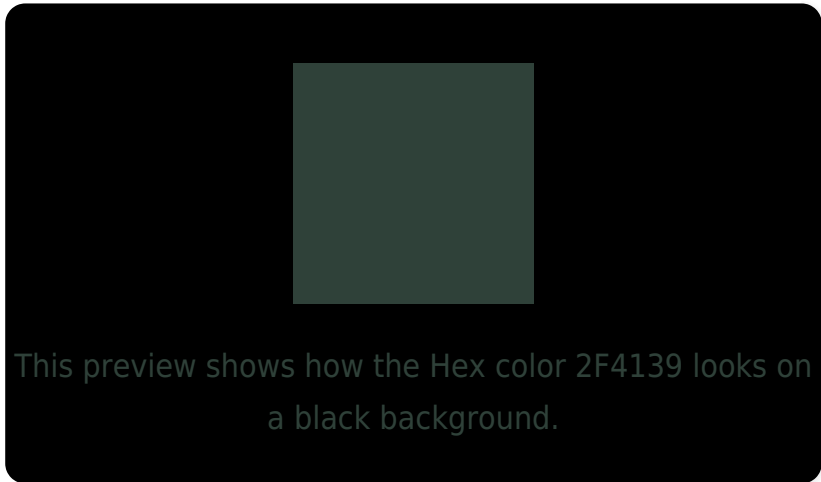
Large Text (above 18pt) WCAG AA ✓ Pass

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

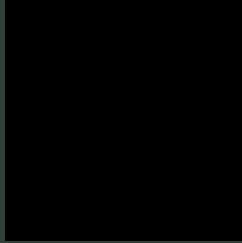
Any Text WCAG AA × Fail

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 2F4139 Background



This preview shows how black text looks on a background with the Hex color 2F4139.



This preview shows how white text looks on a background with the Hex color 2F4139.

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
2F4139

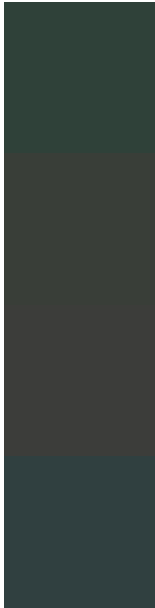
Protanopia
3F3D37

Deuteranopia
443B3A



Tritanopia
313F44

Trichromacy



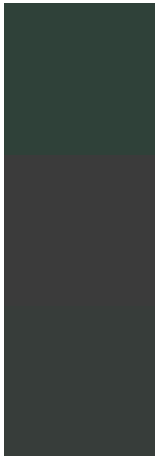
Original Color
2F4139

Protanomaly
393E38

Deuteranomaly
3C3D3A

Tritanomaly
304040

Monochromacy



Original Color
2F4139

Achromatopsia
3B3B3B

Achromatomaly
373D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4139 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 #2F4139 looks like.

```
.text, #text, p{  
    color:#2F4139  
}
```

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 #2F4139 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4139
}
```

Border

The CSS property to change the border of an element to Hex 2F4139 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
#2F4139 }
```

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

```
.border{ border-color:#2F4139 }
```

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

Here you see how a box with a 4 pixel #2F4139 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4139; -webkit-box-shadow:4px 4px  
4px 4px #2F4139; box-shadow:4px 4px 4px  
4px #2F4139 }
```

Background

The CSS property to change the background color of an element to Hex 2F4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4139 }
```

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

```
.background{ background-color:#2F4139 }
```

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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