

Converting Colors

Hex(2F3041)

Have a look what the booklet for
Hex(2F3041) contains.

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Color

Hex(2F3041)

Conversions

Conversions Part 1

Format	Color
Hex	2F3041
RGB	47, 48, 65
RGB Percent	18%, 19%, 25%
CMY	0.8157, 0.8118, 0.7451
CMYK	0.28, 0.26, 0.00, 0.75
HSL	237°, 16%, 22%
HSV	237°, 28%, 25%
XYZ	3.1834, 3.0999, 5.4316
YIQ	49.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

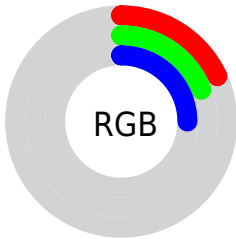
Format	Color
RYB	47, 48, 65
Decimal	3092545
CIELab	20.44, 4.10, -10.80
CIELCh	20, 11.551, 290.810
Yxy	3.0999, 0.2717, 0.2646
Android (android.graphics.Color)	4281282625 (0xFF2F3041)
YUV	49.6390, 7.5730, -2.3144
Hunter-Lab	17.6065, 1.4626, -5.9663

Details

The Hex color **2F3041** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41402F**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5D5E71**, and **000017** is the 20% darker color. If you saturate the color by 10%, you get **292A41**, and if you desaturate by 10%, it is **363641**.

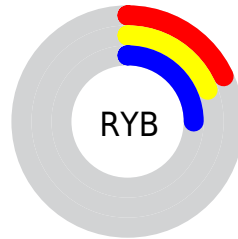
Distribution



 Red (18%)

 Green (19%)

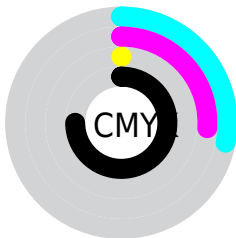
 Blue (25%)





 Red (18%)

 Yellow (19%)

 Blue (25%)

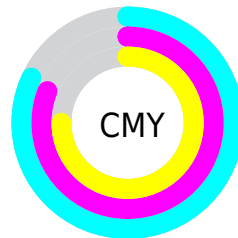


 Cyan (28%)


 Magenta (26%)

 Yellow (0%)

 Black (75%)



 Cyan (82%)

 Magenta (81%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3041 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 2F3041 by changing the saturation by 10% instead.

■ 2F3041

■ 2F3041

FFFFFF

■ 1A1B2B

■ 5D5E71

■ 000017

■ 76778A

■ 000000

■ 9090A5

■ AAABC0

■ C6C6DC

■ E2E2F8

FEFFFF

■ 2F3041

■ 2F3041

■ 292A41

■ 363641

■ 222441

■ 3C3C41

■ 1C1E41

■ 434241

■ 151741

■ 494941

■ 0F1141

■ 504F41

■ 080B41

■ 565541

■ 020541

■ 5D5B41

■ 000441

■ 636141

■ 6A6741

Harmonies

Analogous

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



233342



2F3041



3A2D3C

Triad

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



2F3041



402D24



1E362E

Complementary

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



2F3041



41402F

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.



283526



2F3041



3A3021

Square

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



2F3041



422B2C



313321



183637

Rectangle

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



2F3041



3F2C37



313321



21362B

Sweetspot

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



2F3041



4D4E54



2F4140



27272B



ABABAB



2B2B2B

Same Dimension

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



2F3041



383A54



372F41



1E1E21



000561



000CE0

Inverse Universe

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



412F30



54383A



39412F



211E1E



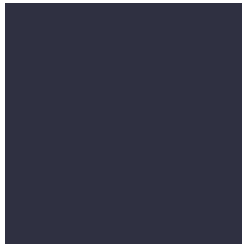
610005



E0000C

Previews

White Background



This preview shows how the Hex color 2F3041 looks on a white background.

Color Contrast Check

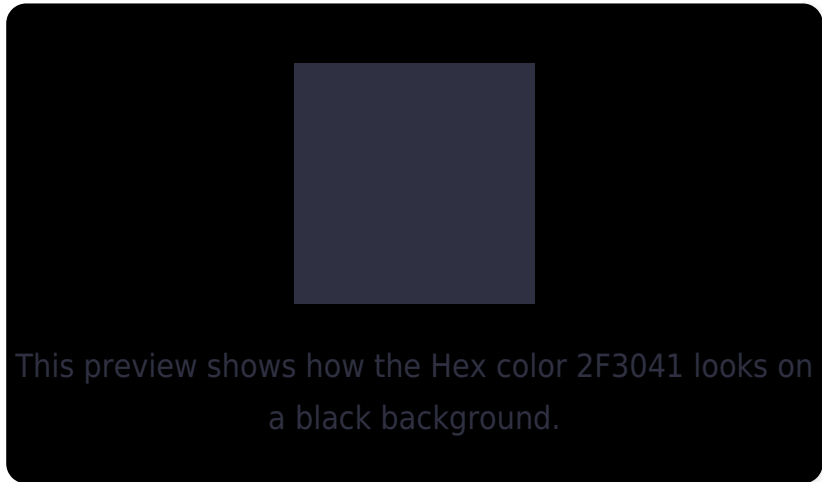
Large Text (above 18pt) WCAG AA ✓ Pass

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

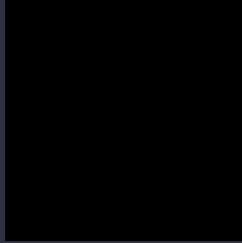
Any Text WCAG AA × Fail

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 2F3041 Background



This preview shows how black text looks on a background with the Hex color 2F3041.



This preview shows how white text looks on a background with the Hex color 2F3041.

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](#).

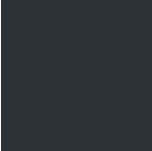
Dichromacy



Original Color
2F3041

Protanopia
2D3141

Deuteranopia
2E3041



Tritanopia
2D3236

Trichromacy



Original Color
2F3041

Protanomaly
2E3141

Deuteranomaly
2E3041

Tritanomaly
2E313A

Monochromacy



Original Color
2F3041

Achromatopsia
323232

Achromatomaly
313137

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3041 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 #2F3041 looks like.

```
.text, #text, p{  
    color:#2F3041  
}
```

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 #2F3041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3041
}
```

Border

The CSS property to change the border of an element to Hex 2F3041 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
#2F3041 }
```

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

```
.border{ border-color:#2F3041 }
```

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

Here you see how a box with a 4 pixel #2F3041 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3041; -webkit-box-shadow:4px 4px  
4px 4px #2F3041; box-shadow:4px 4px 4px  
4px #2F3041 }
```

Background

The CSS property to change the background color of an element to Hex 2F3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3041 }
```

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

```
.background{ background-color:#2F3041 }
```

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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