

Converting Colors

Hex(2F3038)

Have a look what the booklet for
Hex(2F3038) contains.

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Color

Hex(2F3038)

Conversions

Conversions Part 1

Format	Color
Hex	2F3038
RGB	47, 48, 56
RGB Percent	18%, 19%, 22%
CMY	0.8157, 0.8118, 0.7804
CMYK	0.16, 0.14, 0.00, 0.78
HSL	233°, 9%, 20%
HSV	233°, 16%, 22%
XYZ	2.9431, 3.0038, 4.1660
YIQ	48.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

Format	Color
R_{YB}	47, 48, 56
Decimal	3092536
CIE _{Lab}	20.06, 1.58, -5.22
CIE _{LCh}	20, 5.457, 286.850
Yxy	3.0038, 0.2910, 0.2970
Android (android.graphics.Color)	4281282616 (0xFF2F3038)
YUV	48.6130, 3.6418, -1.4146
Hunter-Lab	17.3314, -0.0187, -2.1199

Details

The Hex color **2F3038** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **38372F**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5D5E67**, and **00000D** is the 20% darker color. If you saturate the color by 10%, you get **292B38**, and if you desaturate by 10%, it is **353538**.

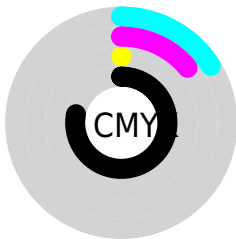
Distribution



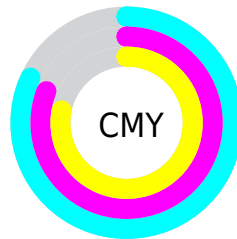
- Red (18%)
- Green (19%)
- Blue (22%)



- Red (18%)
- Yellow (19%)
- Blue (22%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (78%)



- Cyan (82%)
- Magenta (81%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3038 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 2F3038 by changing the saturation by 10% instead.

■ 2F3038

■ 2F3038

FFFFFF

■ 1A1B23

■ 5D5E67

■ 00000D

■ 767780

■ 000000

■ 8F909A

■ AAABB5

■ C5C6D0

■ E1E2EC

FEFFFF

■ 2F3038

■ 2F3038

■ 292B38

■ 353538

■ 242638

■ 3A3A38

■ 1E2138

■ 403F38

■ 191C38

■ 454438

■ 131738

■ 4B4938

■ 0D1238

■ 514E38

■ 080D38

■ 565338

■ 020838

■ 5C5838

■ 000638

■ 615D38

Harmonies

Analogous

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



2A3138



2F3038



342F36

Triad

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



2F3038



382E2B



29332E

Complementary

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



2F3038



38372F

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.



2D322B



2F3038



353029

Square

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



2F3038



392E2E



313129



263333

Rectangle

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



2F3038



372E34



313129



2A332D

Sweetspot

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



2F3038



46474A



2F3837



242426



A6A6A6



262626

Same Dimension

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



2F3038



3C3D4A



322F38



191A1C



000A5C



0018DB

Inverse Universe

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



382F30



4A3C3D



35382F



1C191A



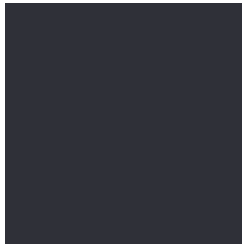
5C000A



DB0018

Previews

White Background



This preview shows how the Hex color 2F3038 looks on a white background.

Color Contrast Check

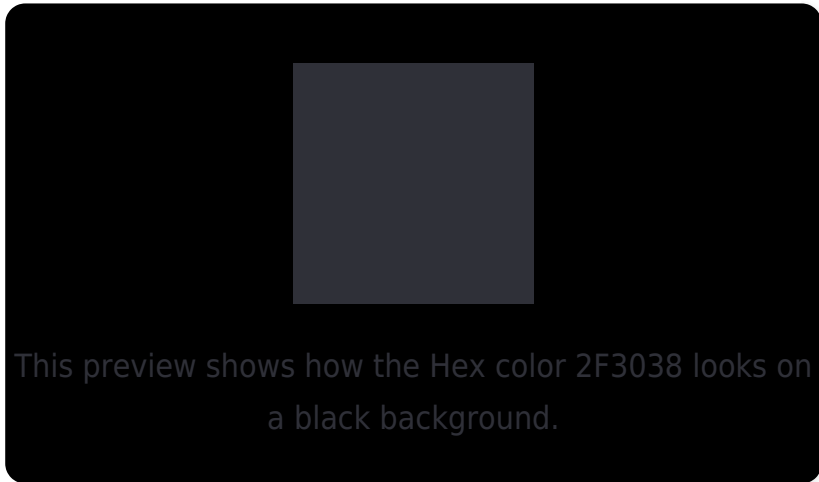
Large Text (above 18pt) WCAG AA ✓ Pass

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

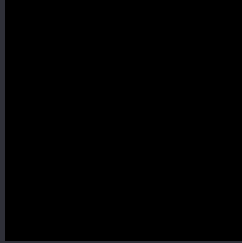
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

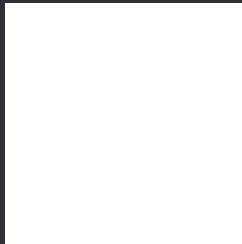
Any Text WCAG AAA × Fail

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

Hex 2F3038 Background



This preview shows how black text looks on a background with the Hex color 2F3038.

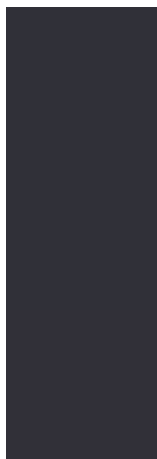


This preview shows how white text looks on a background with the Hex color 2F3038.

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](#).

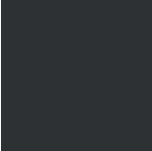
Dichromacy



Original Color
2F3038

Protanopia
2F3038

Deuteranopia
312F38



Tritanopia
2E3134

Trichromacy



Original Color

2F3038

Protanomaly

2F3038

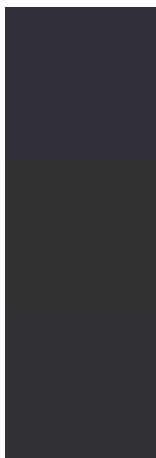
Deuteranomaly

302F38

Tritanomaly

2E3135

Monochromacy



Original Color

2F3038

Achromatopsia

313131

Achromatomaly

303134

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3038 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 #2F3038 looks like.

```
.text, #text, p{  
    color:#2F3038  
}
```

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 #2F3038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3038
}
```

Border

The CSS property to change the border of an element to Hex 2F3038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

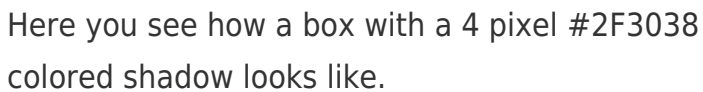
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F3038 }
```

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

```
.border{ border-color:#2F3038 }
```

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



Here you see how a box with a 4 pixel #2F3038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3038; -webkit-box-shadow:4px 4px  
4px 4px #2F3038; box-shadow:4px 4px 4px  
4px #2F3038 }
```

Background

The CSS property to change the background color of an element to Hex 2F3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3038 }
```

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

```
.background{ background-color:#2F3038 }
```

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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