

Converting Colors

Hex(2F3D35)

Have a look what the booklet for
Hex(2F3D35) contains.

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Color

Hex(2F3D35)

Conversions

Conversions Part 1

Format	Color
Hex	2F3D35
RGB	47, 61, 53
RGB Percent	18%, 24%, 21%
CMY	0.8157, 0.7608, 0.7922
CMYK	0.23, 0.00, 0.13, 0.76
HSL	146°, 13%, 21%
HSV	146°, 23%, 24%
XYZ	3.4836, 4.1989, 3.9950
YIQ	55.9020, -5.7760, -5.4560

Conversions

Conversions Part 2

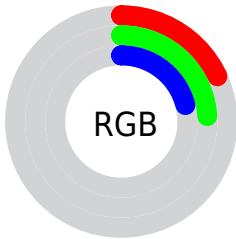
Format	Color
RYB	47, 57, 61
Decimal	3095861
CIELab	24.32, -7.70, 3.06
CIElCh	24, 8.283, 158.351
Yxy	4.1989, 0.2983, 0.3596
Android (android.graphics.Color)	4281285941 (0xFF2F3D35)
YUV	55.9020, -1.4307, -7.8071
Hunter-Lab	20.4911, -5.5132, 2.7844

Details

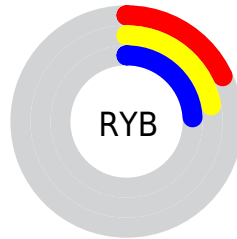
The Hex color **2F3D35** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D2F37**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5D6C63**, and **001308** is the 20% darker color. If you saturate the color by 10%, you get **293D32**, and if you desaturate by 10%, it is **353D38**.

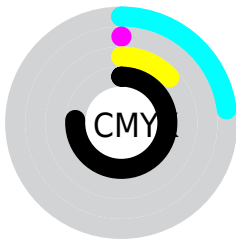
Distribution



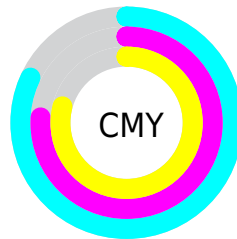
- Red (18%)
- Green (24%)
- Blue (21%)



- Red (18%)
- Yellow (22%)
- Blue (24%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (76%)



- Cyan (82%)
- Magenta (76%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3D35 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 2F3D35 by changing the saturation by 10% instead.

■ 2F3D35

■ 2F3D35

FFFFFF

■ 1A2720

■ 5D6C63

■ 001308

■ 76867C

■ 000000

■ 90A096

■ AABBB1

■ C5D7CC

■ E1F3E8

FEFFFF

■ 2F3D35

■ 2F3D35

■ 293D32

■ 353D38

■ 233D2E

■ 3B3D3C

■ 1D3D2B

■ 413D3F

■ 173D27

■ 473D43

■ 103D24

■ 4E3D46

■ 0A3D20

■ 543D4A

■ 043D1D

■ 5A3D4D

■ 003D1A

■ 603D51

■ 663D54

Harmonies

Analogous

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



363C30



2F3D35



2A3D3B

Triad

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



2F3D35



353A46



463632

Complementary

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



2F3D35



3D2F37

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.



473538



2F3D35



3D3844

Square

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



2F3D35



2E3C45



43363F



43382E

Rectangle

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



2F3D35



293D3F



43363F



473634

Sweetspot

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



2F3D35



4A4F4C



373D2F



262927



A8A8A8



292929

Same Dimension

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



2F3D35



394F42



2F3D3C



1C1F1D



005E28



00DE5F

Inverse Universe

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



3D2F37



4F3946



3D2F30



1F1C1D



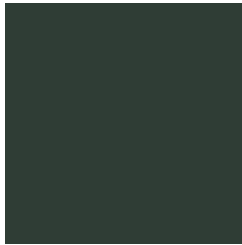
5E0036



DE007F

Previews

White Background



This preview shows how the Hex color 2F3D35 looks on a white background.

Color Contrast Check

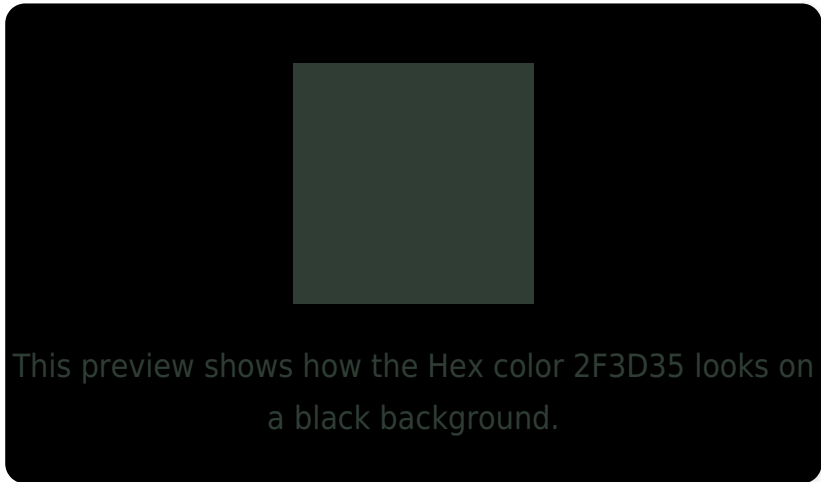
Large Text (above 18pt) WCAG AA ✓ Pass

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

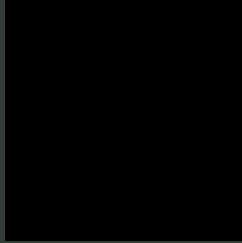
Any Text WCAG AA × Fail

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 2F3D35 Background



This preview shows how black text looks on a background with the Hex color 2F3D35.



This preview shows how white text looks on a background with the Hex color 2F3D35.

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](#).

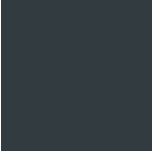
Dichromacy



Original Color
2F3D35

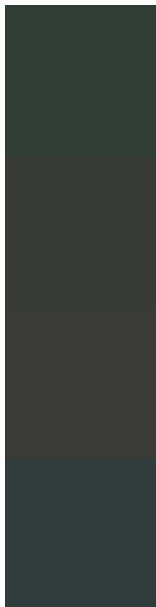
Protanopia
3C3933

Deuteranopia
413836



Tritanopia
313B40

Trichromacy



Original Color

2F3D35

Protanomaly

373A34

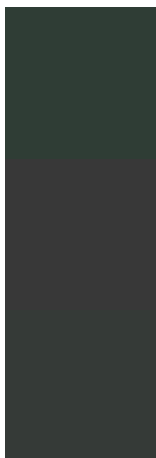
Deuteranomaly

3A3A36

Tritanomaly

303C3C

Monochromacy



Original Color

2F3D35

Achromatopsia

383838

Achromatomaly

353A37

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3D35 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 #2F3D35 looks like.

```
.text, #text, p{  
    color:#2F3D35  
}
```

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 #2F3D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3D35
}
```

Border

The CSS property to change the border of an element to Hex 2F3D35 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
#2F3D35 }
```

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

```
.border{ border-color:#2F3D35 }
```

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

Here you see how a box with a 4 pixel #2F3D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3D35; -webkit-box-shadow:4px 4px  
4px 4px #2F3D35; box-shadow:4px 4px 4px  
4px #2F3D35 }
```

Background

The CSS property to change the background color of an element to Hex 2F3D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3D35 }
```

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

```
.background{ background-color:#2F3D35 }
```

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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