

Converting Colors

Hex(2F3635)

Have a look what the booklet for
Hex(2F3635) contains.

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Color

Hex(2F3635)

Conversions

Conversions Part 1

Format	Color
Hex	2F3635
RGB	47, 54, 53
RGB Percent	18%, 21%, 21%
CMY	0.8157, 0.7882, 0.7922
CMYK	0.13, 0.00, 0.02, 0.79
HSL	171°, 7%, 20%
HSV	171°, 13%, 21%
XYZ	3.1341, 3.4997, 3.8785
YIQ	51.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

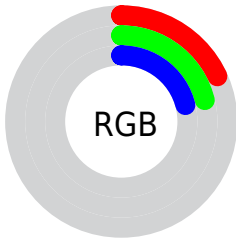
Format	Color
R_YB	47, 51, 54
Decimal	3094069
CIE Lab	21.94, -3.21, -0.39
CIE LCh	22, 3.238, 186.852
Yxy	3.4997, 0.2981, 0.3329
Android (android.graphics.Color)	4281284149 (0xFF2F3635)
YUV	51.7930, 0.5951, -4.2035
Hunter-Lab	18.7075, -2.8342, 0.8031

Details

The Hex color **2F3635** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **362F30**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5D6563**, and **000A08** is the 20% darker color. If you saturate the color by 10%, you get **2A3634**, and if you desaturate by 10%, it is **343636**.

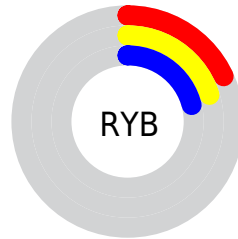
Distribution



Red (18%)

Green (21%)

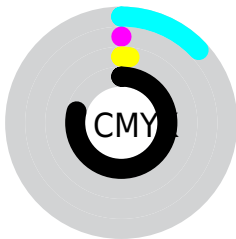
Blue (21%)



Red (18%)

Yellow (20%)

Blue (21%)

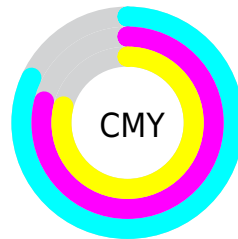


Cyan (13%)

Magenta (0%)

Yellow (2%)

Black (79%)



Cyan (82%)

Magenta (79%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3635 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 2F3635 by changing the saturation by 10% instead.



2F3635



2F3635

FFFFFF



1A2120



5D6563



000A08



767E7C



000000



8F9796



AAB2B1



C5CECC



E1EAE8

FEFFFF



2F3635



2F3635

■ 2A3634

■ 343636

■ 243633

■ 3A3637

■ 1F3633

■ 3F3637

■ 193632

■ 453638

■ 143631

■ 4A3639

■ 0F3630

■ 4F363A

■ 093630

■ 55363A

■ 04362F

■ 5A363B

■ 00362E

■ 60363C

Harmonies

Analogous

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



313633



2F3635



2F3637

Triad

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



2F3635



363438



383430

Complementary

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



2F3635



362F30

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.



3A3332



2F3635



383336

Square

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



2F3635



333539



3A3334



363530

Rectangle

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



2F3635



303538



3A3334



393431

Sweetspot

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



2F3635



454747



30362F



222423



A3A3A3



242424

Same Dimension

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



2F3635



3C4746



2F3436



191C1C



005C4F



00DBBC

Inverse Universe

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



362F30



473C3E



36312F



1C191A



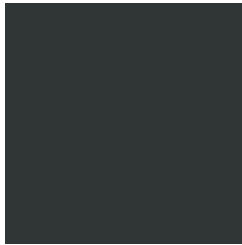
5C000D



DB001F

Previews

White Background



This preview shows how the Hex color 2F3635 looks on a white background.

Color Contrast Check

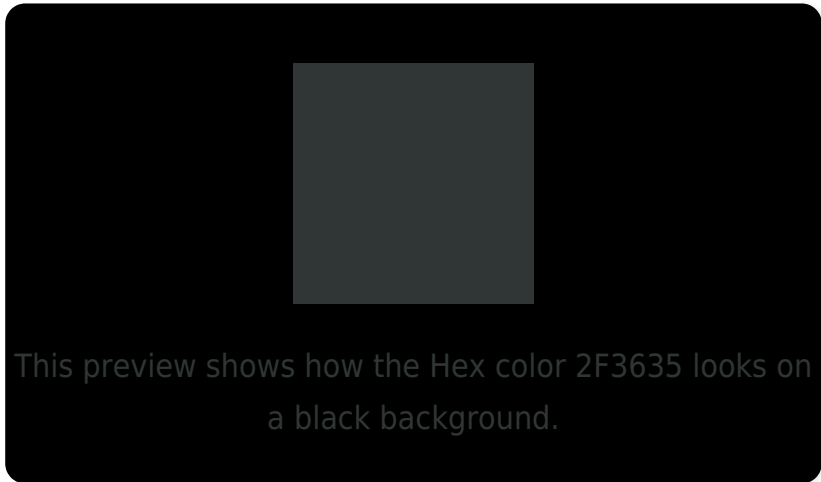
Large Text (above 18pt) WCAG AA ✓ Pass

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

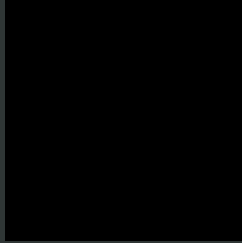
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

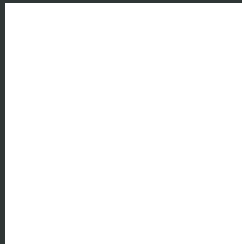
Any Text WCAG AAA × Fail

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

Hex 2F3635 Background



This preview shows how black text looks on a background with the Hex color 2F3635.

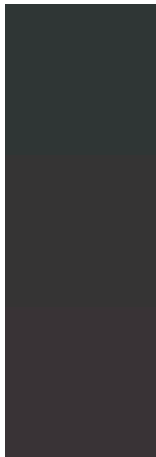


This preview shows how white text looks on a background with the Hex color 2F3635.

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](#).

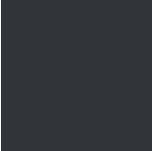
Dichromacy



Original Color
2F3635

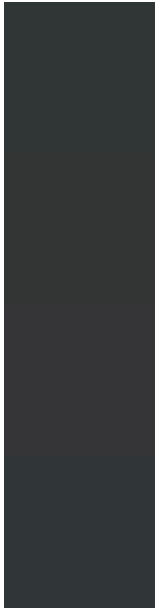
Protanopia
353434

Deuteranopia
393336



Tritanopia
30353A

Trichromacy



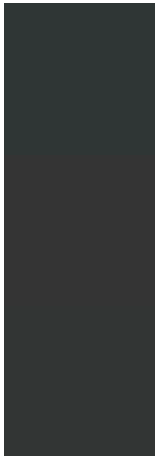
Original Color
2F3635

Protanomaly
333534

Deuteranomaly
353436

Tritanomaly
303538

Monochromacy



Original Color
2F3635

Achromatopsia
343434

Achromatomaly
323534

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3635 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 #2F3635 looks like.

```
.text, #text, p{  
    color:#2F3635  
}
```

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 #2F3635 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3635
}
```

Border

The CSS property to change the border of an element to Hex 2F3635 is called "border". The border property can be set on classes, ids or directly on the HTML element.

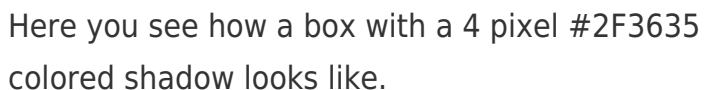
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F3635 }
```

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

```
.border{ border-color:#2F3635 }
```

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



Here you see how a box with a 4 pixel #2F3635 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3635; -webkit-box-shadow:4px 4px  
4px 4px #2F3635; box-shadow:4px 4px 4px  
4px #2F3635 }
```

Background

The CSS property to change the background color of an element to Hex 2F3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3635 }
```

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

```
.background{ background-color:#2F3635 }
```

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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