

Converting Colors

Hex(2F373A)

Have a look what the booklet for
Hex(2F373A) contains.

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Color

Hex(2F373A)

Conversions

Conversions Part 1

Format	Color
Hex	2F373A
RGB	47, 55, 58
RGB Percent	18%, 22%, 23%
CMY	0.8157, 0.7843, 0.7725
CMYK	0.19, 0.05, 0.00, 0.77
HSL	196°, 10%, 21%
HSV	196°, 19%, 23%
XYZ	3.3022, 3.6422, 4.5320
YIQ	52.9500, -5.7310, -0.7630

Conversions

Conversions Part 2

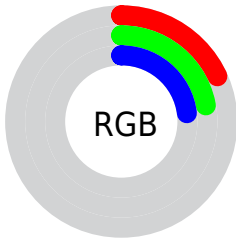
Format	Color
RYB	47, 52, 58
Decimal	3094330
CIELab	22.45, -2.59, -3.02
CIElCh	22, 3.974, 229.374
Yxy	3.6422, 0.2877, 0.3174
Android (android.graphics.Color)	4281284410 (0xFF2F373A)
YUV	52.9500, 2.4897, -5.2181
Hunter-Lab	19.0846, -2.5121, -0.7202

Details

The Hex color **2F373A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A322F**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **5D6669**, and **000B0F** is the 20% darker color. If you saturate the color by 10%, you get **29353A**, and if you desaturate by 10%, it is **35393A**.

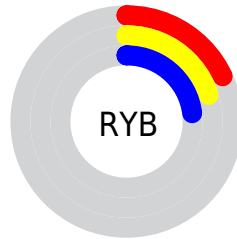
Distribution



Red (18%)

Green (22%)

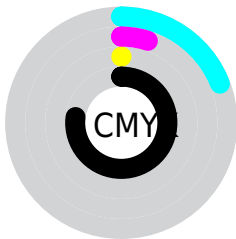
Blue (23%)



Red (18%)

Yellow (20%)

Blue (23%)

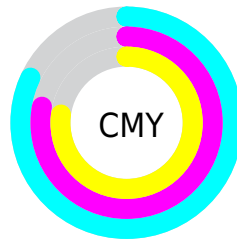


Cyan (19%)

Magenta (5%)

Yellow (0%)

Black (77%)



Cyan (82%)

Magenta (78%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F373A 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 2F373A by changing the saturation by 10% instead.



2F373A



2F373A

FFFFFF



1A2224



5D6669



000B0F



767F82



000000



8F999C



AAB3B7



C5CFD3



E1EBEF

FEFFFF



2F373A



2F373A

■ 29353A

■ 35393A

■ 23343A

■ 3B3A3A

■ 1E323A

■ 403C3A

■ 18313A

■ 463D3A

■ 122F3A

■ 4C3F3A

■ 0C2E3A

■ 52403A

■ 062C3A

■ 58423A

■ 012A3A

■ 5D443A

■ 002A3A

■ 63453A

Harmonies

Analogous

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



2E3737



2F373A



31363B

Triad

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



2F373A



3B3437



363630

Complementary

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



2F373A



3A322F

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.



393530



2F373A



3C3434

Square

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



2F373A



39343A



3B3431



333732

Rectangle

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



2F373A



34363B



3B3431



373630

Sweetspot

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



2F373A



484B4D



2F3A32



242626



A6A6A6



262626

Same Dimension

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



2F373A



3B484D



2F323A



191B1C



00435C



009FDB

Inverse Universe

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



3A2F37



4D3B48



3A372F



1C191B



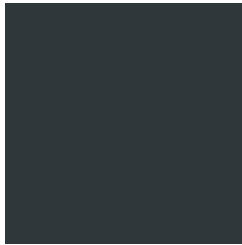
5C0043



DB009F

Previews

White Background



This preview shows how the Hex color 2F373A looks on a white background.

Color Contrast Check

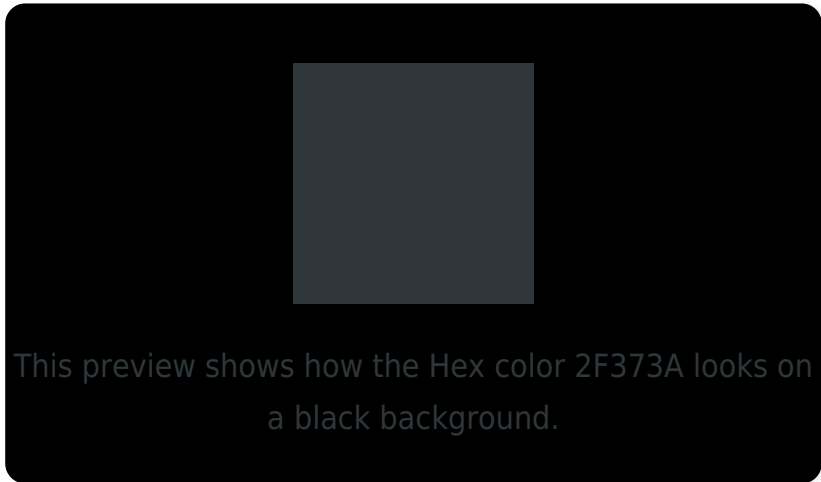
Large Text (above 18pt) WCAG AA ✓ Pass

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

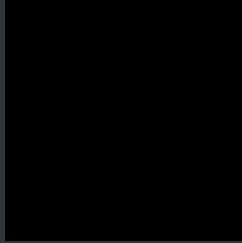
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

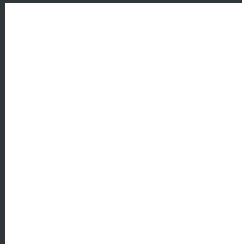
Any Text WCAG AAA × Fail

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

Hex 2F373A Background



This preview shows how black text looks on a background with the Hex color 2F373A.



This preview shows how white text looks on a background with the Hex color 2F373A.

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
2F373A

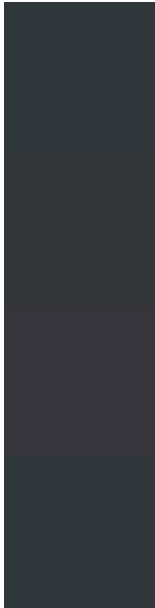
Protanopia
363539

Deuteranopia
38343B



Tritanopia
2F373B

Trichromacy



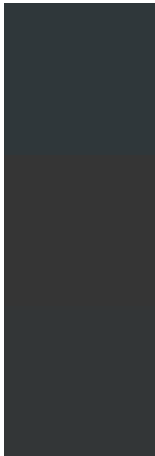
Original Color
2F373A

Protanomaly
333639

Deuteranomaly
35353B

Tritanomaly
2F373B

Monochromacy



Original Color
2F373A

Achromatopsia
353535

Achromatomaly
333637

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F373A 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 #2F373A looks like.

```
.text, #text, p{  
    color:#2F373A  
}
```

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 #2F373A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F373A
}
```

Border

The CSS property to change the border of an element to Hex 2F373A is called "border". The border property can be set on classes, ids or directly on the HTML element.

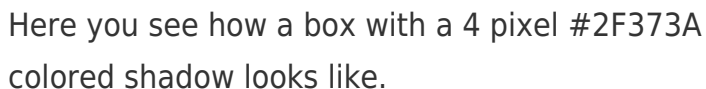
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F373A }
```

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

```
.border{ border-color:#2F373A }
```

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



Here you see how a box with a 4 pixel #2F373A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F373A; -webkit-box-shadow:4px 4px  
4px 4px #2F373A; box-shadow:4px 4px 4px  
4px #2F373A }
```

Background

The CSS property to change the background color of an element to Hex 2F373A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F373A }
```

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

```
.background{ background-color:#2F373A }
```

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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