

Converting Colors

Hex(2F375C)

Have a look what the booklet for
Hex(2F375C) contains.

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Color

Hex(2F375C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2F375C |
| RGB | 47, 55, 92 |
| RGB Percent | 18%, 22%, 36% |
| CMY | 0.8157, 0.7843, 0.6392 |
| CMYK | 0.49, 0.40, 0.00, 0.64 |
| HSL | 229°, 32%, 27% |
| HSV | 229°, 49%, 36% |
| XYZ | 4.4702, 4.1094, 10.6828 |
| YIQ | 56.8260, -16.6450, 9.8110 |

Conversions

Conversions Part 2

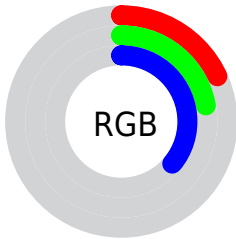
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 47, 54, 92 |
| Decimal | 3094364 |
| CIELab | 24.03, 7.94, -23.23 |
| CIElCh | 24, 24.546, 288.871 |
| Yxy | 4.1094, 0.2321, 0.2133 |
| Android (android.graphics.Color) | 4281284444 (0xFF2F375C) |
| YUV | 56.8260, 17.3408, -8.6174 |
| Hunter-Lab | 20.2717, 3.8867, -17.0545 |

Details

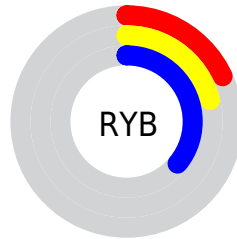
The Hex color **2F375C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C542F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **60668E**, and **000B2E** is the 20% darker color. If you saturate the color by 10%, you get **262F5C**, and if you desaturate by 10%, it is **383F5C**.

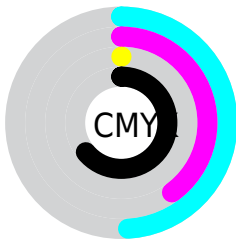
Distribution



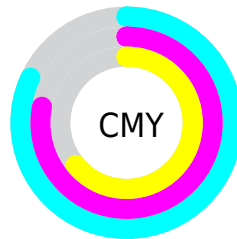
- Red (18%)
- Green (22%)
- Blue (36%)



- Red (18%)
- Yellow (21%)
- Blue (36%)



- Cyan (49%)
- Magenta (40%)
- Yellow (0%)
- Black (64%)



- Cyan (82%)
- Magenta (78%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F375C 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 2F375C by changing the saturation by 10% instead.

■ 2F375C

■ 2F375C

FFFFFF

■ 172244

■ 60668E

■ 000B2E

■ 797FA9

■ 000119

■ 9398C4

■ 000000

■ AEB3E0

■ CACFFD

■ E7EBFF

■ 2F375C

■ 2F375C

■ 262F5C

■ 383F5C

■ 1D285C

■ 41465C

■ 13205C

■ 4B4E5C

■ 0A195C

■ 54555C

■ 01115C

■ 5D5D5C

■ 00105C

■ 66645C

■ 6F6C5C

■ 79745C

■ 827B5C

Harmonies

Analogous

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



003D5D



2F375C



493052

Triad

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



2F375C



562F1E



004231

Complementary

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



2F375C



5C542F

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.



234020



2F375C



4A3614

Square

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



2F375C



5C2A2E



383C15



004244

Rectangle

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



2F375C



542C47



383C15



0F412B

Sweetspot

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



2F375C



666978



2F5C54



32343D



BDBDBD



3D3D3D

Same Dimension

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



2F375C



313E78



3D2F5C



292A2E



00136E



002AED

Inverse Universe

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



5C2F37



78313E



4E5C2F



2E292A



6E0013



ED002A

Previews

White Background



This preview shows how the Hex color 2F375C looks on a white background.

Color Contrast Check

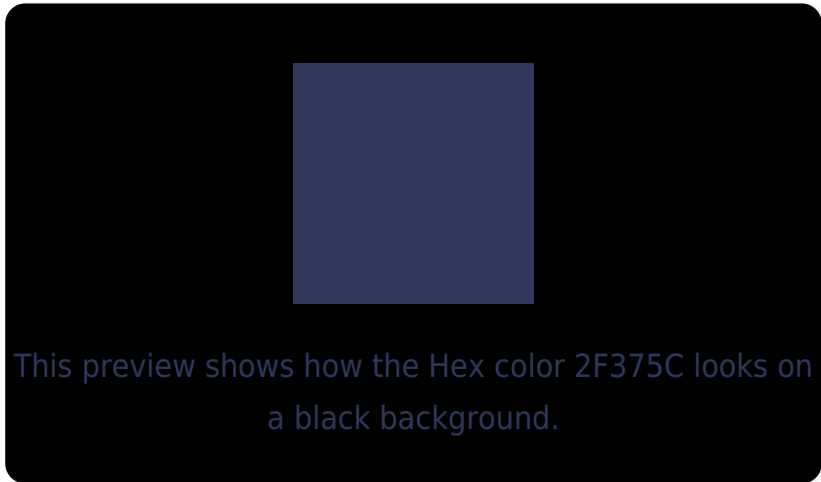
Large Text (above 18pt) WCAG AA ✓ Pass

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

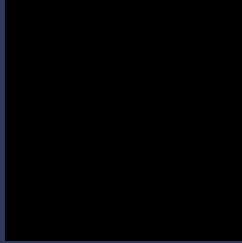
Any Text WCAG AA × Fail

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 2F375C Background



This preview shows how black text looks on a background with the Hex color 2F375C.



This preview shows how white text looks on a background with the Hex color 2F375C.

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
2F375C

Protanopia
2B385D

Deuteranopia
25395B



Tritanopia
273D42

Trichromacy



Original Color
2F375C

Protanomaly
2C385D

Deuteranomaly
29385B

Tritanomaly
2A3B4B

Monochromacy



Original Color
2F375C

Achromatopsia
393939

Achromatomaly
353846

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F375C 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 #2F375C looks like.

```
.text, #text, p{  
    color:#2F375C  
}
```

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 #2F375C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F375C
}
```

Border

The CSS property to change the border of an element to Hex 2F375C 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
#2F375C }
```

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

```
.border{ border-color:#2F375C }
```

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

Here you see how a box with a 4 pixel #2F375C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F375C; -webkit-box-shadow:4px 4px  
4px 4px #2F375C; box-shadow:4px 4px 4px  
4px #2F375C }
```

Background

The CSS property to change the background color of an element to Hex 2F375C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F375C }
```

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

```
.background{ background-color:#2F375C }
```

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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