

Converting Colors

Hex(2F385C)

Have a look what the booklet for
Hex(2F385C) contains.

Hex(2F385C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2F385C)

Conversions

Conversions Part 1

Format	Color
Hex	2F385C
RGB	47, 56, 92
RGB Percent	18%, 22%, 36%
CMY	0.8157, 0.7804, 0.6392
CMYK	0.49, 0.39, 0.00, 0.64
HSL	228°, 32%, 27%
HSV	228°, 49%, 36%
XYZ	4.5182, 4.2054, 10.6988
YIQ	57.4130, -16.9200, 9.2880

Conversions

Conversions Part 2

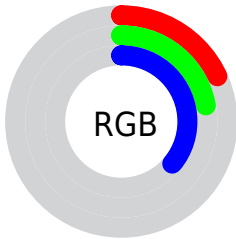
Format	Color
RYB	47, 55, 92
Decimal	3094620
CIELab	24.34, 7.25, -22.74
CIELCh	24, 23.868, 287.684
Yxy	4.2054, 0.2326, 0.2165
Android (android.graphics.Color)	4281284700 (0xFF2F385C)
YUV	57.4130, 17.0514, -9.1322
Hunter-Lab	20.5071, 3.4408, -16.5774




Details

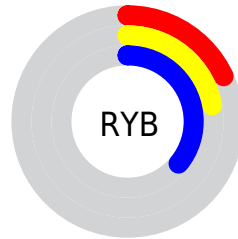
The Hex color **2F385C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C532F**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **60678E**, and **000D2E** is the 20% darker color. If you saturate the color by 10%, you get **26315C**, and if you desaturate by 10%, it is **383F5C**.

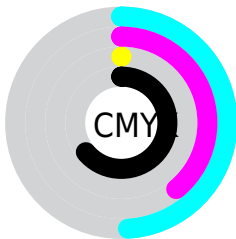
Distribution







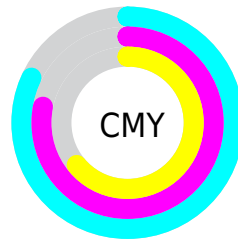
-  Red (18%)
-  Green (22%)
-  Blue (36%)






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



-  Cyan (49%)
-  Magenta (39%)
-  Yellow (0%)
-  Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2F385C 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 2F385C by changing the saturation by 10% instead.

■ 2F385C

■ 2F385C

FFFFFF

■ 172344

■ 60678E

■ 000D2E

■ 7980A9

■ 000119

■ 939AC4

■ 000000

■ AEB4E0

■ CAD0FD

■ E7ECFF

■ 2F385C

■ 2F385C

■ 26315C

■ 383F5C

■ 1D295C

■ 41475C

■ 13225C

■ 4B4E5C

■ 0A1B5C

■ 54555C

■ 01135C

■ 5D5D5C

■ 00125C

■ 66645C

■ 6F6C5C

■ 79735C

■ 827A5C

Harmonies

Analogous

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



003E5D



2F385C



493152

Triad

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



2F385C



573020



044232

Complementary

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



2F385C



5C532F

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.



254021



2F385C



4B3616

Square

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



2F385C



5C2B30



3A3C16



004344

Rectangle

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



2F385C



542D48



3A3C16



13422C

Sweetspot

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



2F385C



666978



2F5C53



32343D



BDBDBD



3D3D3D

Same Dimension

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



2F385C



313F78



3C2F5C



292A2E



00166E



002FED

Inverse Universe

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



5C2F38



78313F



4F5C2F



2E292A



6E0016



ED002F

Previews

White Background



This preview shows how the Hex color 2F385C looks on a white background.

Color Contrast Check

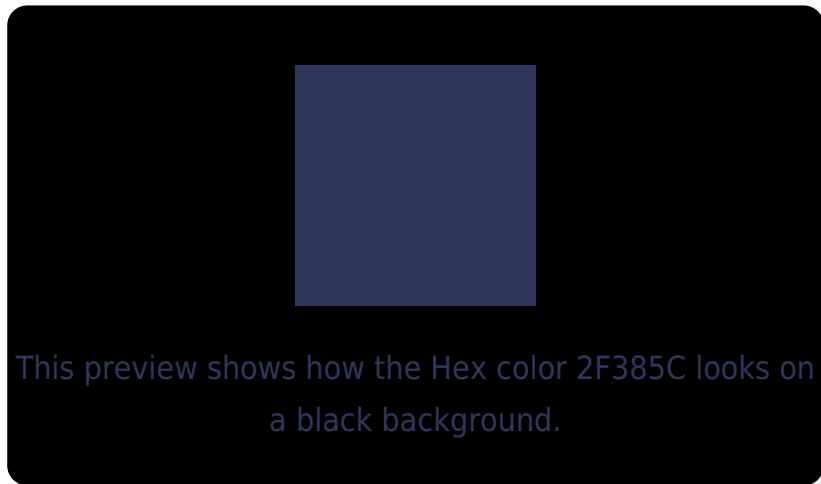
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F385C Background



This preview shows how black text looks on a background with the Hex color 2F385C.



This preview shows how white text looks on a background with the Hex color 2F385C.

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
2F385C

Protanopia
2C395D

Deuteranopia
273A5C



Tritanopia
273D42

Trichromacy



Original Color
2F385C

Protanomaly
2D395D

Deuteranomaly
2A395C

Tritanomaly
2A3B4B

Monochromacy



Original Color
2F385C

Achromatopsia
393939

Achromatomaly
353946

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F385C 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 #2F385C looks like.

```
.text, #text, p{  
    color:#2F385C  
}
```

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 #2F385C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F385C  
}
```

Border

The CSS property to change the border of an element to Hex 2F385C 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  
#2F385C }
```

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

```
.border{ border-color:#2F385C }
```

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

Here you see how a box with a 4 pixel #2F385C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F385C; -webkit-box-shadow:4px 4px  
4px 4px #2F385C; box-shadow:4px 4px 4px  
4px #2F385C }
```

Background

The CSS property to change the background color of an element to Hex 2F385C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F385C }
```

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

```
.background{ background-color:#2F385C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor