

Converting Colors

Hex(2F2742)

Have a look what the booklet for
Hex(2F2742) contains.

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Color

Hex(2F2742)

Conversions

Conversions Part 1

Format	Color
Hex	2F2742
RGB	47, 39, 66
RGB Percent	18%, 15%, 26%
CMY	0.8157, 0.8471, 0.7412
CMYK	0.29, 0.41, 0.00, 0.74
HSL	258°, 26%, 21%
HSV	258°, 41%, 26%
XYZ	2.8812, 2.4487, 5.4751
YIQ	44.4700, -3.8990, 10.0930

Conversions

Conversions Part 2

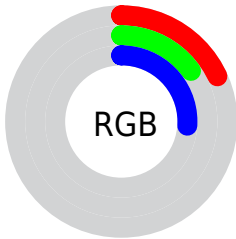
Format	Color
RYB	47, 39, 66
Decimal	3090242
CIELab	17.69, 10.71, -15.74
CIELCh	18, 19.038, 304.219
Yxy	2.4487, 0.2667, 0.2266
Android (android.graphics.Color)	4281280322 (0xFF2F2742)
YUV	44.4700, 10.6143, 2.2188
Hunter-Lab	15.6484, 5.4807, -9.7905

Details

The Hex color **2F2742** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3A4227**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5E5472**, and **000117** is the 20% darker color. If you saturate the color by 10%, you get **2A2042**, and if you desaturate by 10%, it is **342E42**.

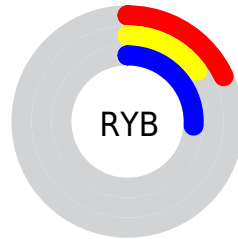
Distribution



 Red (18%)

 Green (15%)

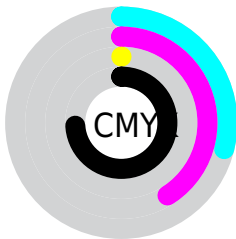
 Blue (26%)



 Red (18%)

 Yellow (15%)

 Blue (26%)

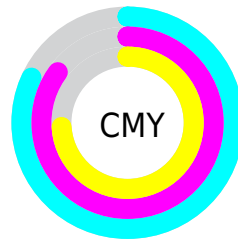


 Cyan (29%)

 Magenta (41%)

 Yellow (0%)

 Black (74%)



 Cyan (82%)

 Magenta (85%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2742 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 2F2742 by changing the saturation by 10% instead.

■ 2F2742

■ 2F2742

FFFFFF

■ 19132C

■ 5E5472

■ 000117

■ 776C8C

■ 000000

■ 9086A6

■ ABA0C1

■ C6BBDD

■ E2D6FA

■ FFF3FF

■ 2F2742

■ 2F2742

■ 2A2042

■ 342E42

■ 261A42

■ 383442

■ 211342

■ 3D3B42

■ 1C0D42

■ 424142

■ 180642

■ 464842

■ 140042

■ 4B4F42

■ 505542

■ 545C42

■ 596242

Harmonies

Analogous

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



182C47



2F2742



3E2237

Triad

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



2F2742



3D2613



00322D

Complementary

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



2F2742



3A4227

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.



11311F



2F2742



322B0F

Square

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



2F2742



44221D



232F14



00323A

Rectangle

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



2F2742



43202F



232F14



003228

Sweetspot

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



2F2742



4F4C57



273A42



27252B



ABABAB



2B2B2B

Same Dimension

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



2F2742



392C57



3C2742



1F1E21



1D0061



4200E0

Inverse Universe

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



42273A



572C4A



2D4227



211E20



610044



E0009E

Previews

White Background



This preview shows how the Hex color 2F2742 looks on a white background.

Color Contrast Check

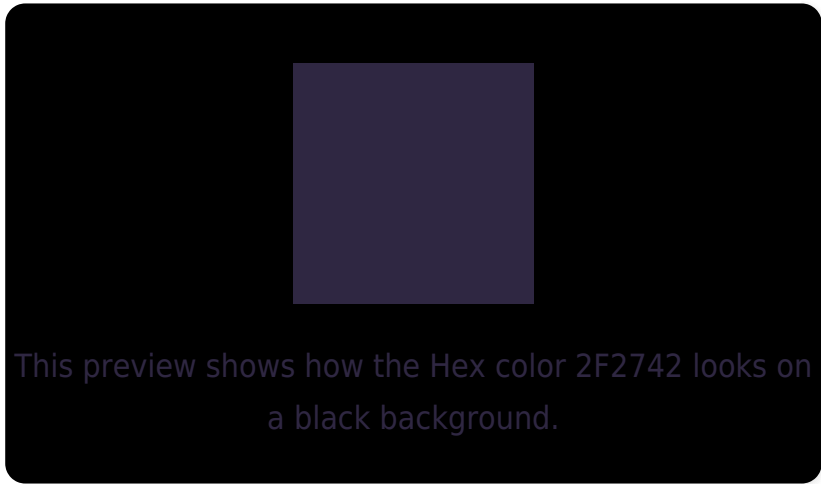
Large Text (above 18pt) WCAG AA ✓ Pass

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

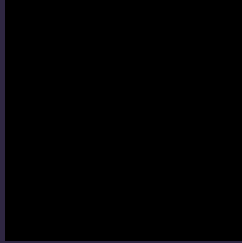
Any Text WCAG AA × Fail

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 2F2742 Background



This preview shows how black text looks on a background with the Hex color 2F2742.



This preview shows how white text looks on a background with the Hex color 2F2742.

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
2F2742

Protanopia
212B45

Deuteranopia
222B41



Tritanopia
2B2B2F

Trichromacy



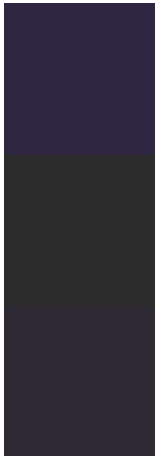
Original Color
2F2742

Protanomaly
262A44

Deuteranomaly
272A41

Tritanomaly
2C2A36

Monochromacy



Original Color
2F2742

Achromatopsia
2C2C2C

Achromatomaly
2D2A34

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2742 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 #2F2742 looks like.

```
.text, #text, p{  
    color:#2F2742  
}
```

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 #2F2742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2742
}
```

Border

The CSS property to change the border of an element to Hex 2F2742 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
#2F2742 }
```

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

```
.border{ border-color:#2F2742 }
```

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

Here you see how a box with a 4 pixel #2F2742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2742; -webkit-box-shadow:4px 4px  
4px 4px #2F2742; box-shadow:4px 4px 4px  
4px #2F2742 }
```

Background

The CSS property to change the background color of an element to Hex 2F2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2742 }
```

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

```
.background{ background-color:#2F2742 }
```

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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