

Converting Colors

Hex(2F2956)

Have a look what the booklet for
Hex(2F2956) contains.

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Color

Hex(2F2956)

Conversions

Conversions Part 1

Format	Color
Hex	2F2956
RGB	47, 41, 86
RGB Percent	18%, 16%, 34%
CMY	0.8157, 0.8392, 0.6627
CMYK	0.45, 0.52, 0.00, 0.66
HSL	248°, 35%, 25%
HSV	248°, 52%, 34%
XYZ	3.6449, 2.8621, 9.1644
YIQ	47.9240, -10.8690, 15.2670

Conversions

Conversions Part 2

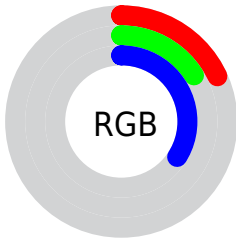
Format	Color
RYB	47, 41, 86
Decimal	3090774
CIELab	19.48, 15.67, -26.47
CIElCh	19, 30.760, 300.621
Yxy	2.8621, 0.2326, 0.1826
Android (android.graphics.Color)	4281280854 (0xFF2F2956)
YUV	47.9240, 18.7715, -0.8103
Hunter-Lab	16.9177, 8.8519, -20.2753

Details

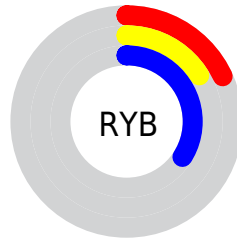
The Hex color **2F2956** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **505629**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **605688**, and **010029** is the 20% darker color. If you saturate the color by 10%, you get **282056**, and if you desaturate by 10%, it is **363256**.

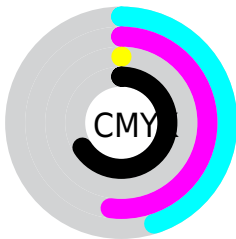
Distribution



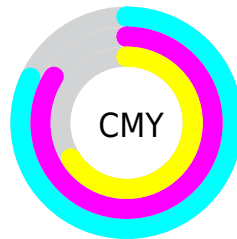
- Red (18%)
- Green (16%)
- Blue (34%)



- Red (18%)
- Yellow (16%)
- Blue (34%)



- Cyan (45%)
- Magenta (52%)
- Yellow (0%)
- Black (66%)



- Cyan (82%)
- Magenta (84%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2956 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 2F2956 by changing the saturation by 10% instead.



2F2956



2F2956

FFFFFF



17153E



605688



010029



796FA3



000112



9388BE



000000



AEA2DA



CABDF6



E6D9FF



FFF6FF



2F2956



2F2956

■ 282056

■ 363256

■ 201856

■ 3E3A56

■ 190F56

■ 454356

■ 110756

■ 4D4B56

■ 0B0056

■ 545456

■ 5C5D56

■ 636556

■ 6B6E56

■ 727656

Harmonies

Analogous

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



00325C



2F2956



4A1F46

Triad

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



2F2956



4B2504



00392F

Complementary

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



2F2956



505629

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.



003818



2F2956



3A2E00

Square

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



2F2956



551C1A



243402



003945

Rectangle

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



2F2956



541937



243402



003927

Sweetspot

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



2F2956



615E70



295056



2F2D38



B8B8B8



383838

Same Dimension

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



2F2956



332A70



462956



28272B



0E006B



1F00EB

Inverse Universe

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



562950



702A67



3A5629



2B272B



6B005D



EB00CB

Previews

White Background



This preview shows how the Hex color 2F2956 looks on a white background.

Color Contrast Check

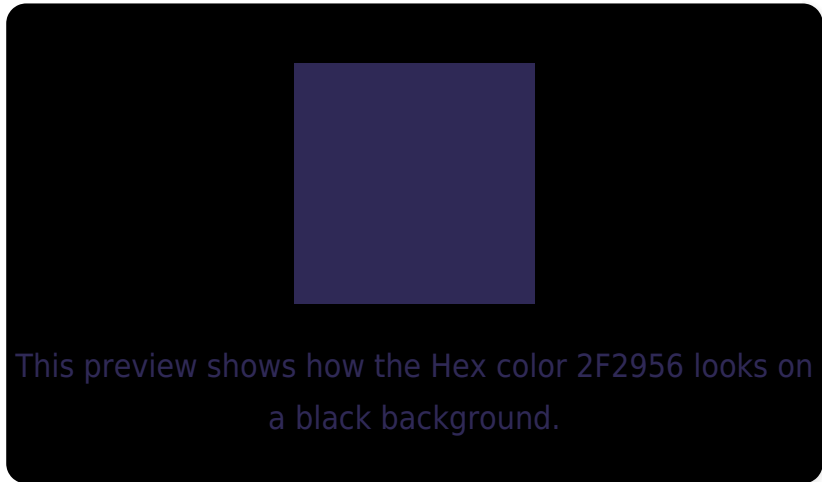
Large Text (above 18pt) WCAG AA ✓ Pass

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

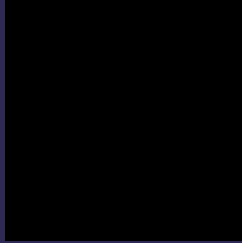
Any Text WCAG AA × Fail

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 2F2956 Background



This preview shows how black text looks on a background with the Hex color 2F2956.



This preview shows how white text looks on a background with the Hex color 2F2956.

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
2F2956

Protanopia
152E5B

Deuteranopia
0C3054



Tritanopia
263135

Trichromacy



Original Color
2F2956

Protanomaly
1E2C59

Deuteranomaly
192D55

Tritanomaly
292E41

Monochromacy



Original Color
2F2956

Achromatopsia
303030

Achromatomaly
302D3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2956 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 #2F2956 looks like.

```
.text, #text, p{  
    color:#2F2956  
}
```

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 #2F2956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2956
}
```

Border

The CSS property to change the border of an element to Hex 2F2956 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".

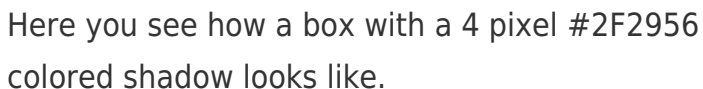
```
.border, #border, table{ border:4px solid
#2F2956 }
```

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

```
.border{ border-color:#2F2956 }
```

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

Here you see how a box with a 4 pixel #2F2956 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2956; -webkit-box-shadow:4px 4px  
4px 4px #2F2956; box-shadow:4px 4px 4px  
4px #2F2956 }
```

Background

The CSS property to change the background color of an element to Hex 2F2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2956 }
```

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

```
.background{ background-color:#2F2956 }
```

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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