

Converting Colors

Hex(2F2839)

Have a look what the booklet for
Hex(2F2839) contains.

Hex(2F2839)	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(2F2839)

Conversions

Conversions Part 1

Format	Color
Hex	2F2839
RGB	47, 40, 57
RGB Percent	18%, 16%, 22%
CMY	0.8157, 0.8431, 0.7765
CMYK	0.18, 0.30, 0.00, 0.78
HSL	265°, 18%, 19%
HSV	265°, 30%, 22%
XYZ	2.6696, 2.4173, 4.1968
YIQ	44.0310, -1.2850, 6.7710

Conversions

Conversions Part 2

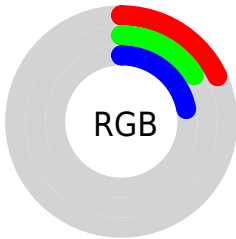
Format	Color
R_{YB}	47, 40, 57
Decimal	3090489
CIE Lab	17.54, 7.42, -9.73
CIE LCh	18, 12.234, 307.311
Yxy	2.4173, 0.2876, 0.2604
Android (android.graphics.Color)	4281280569 (0xFF2F2839)
YUV	44.0310, 6.3937, 2.6038
Hunter-Lab	15.5478, 3.4404, -5.1206

Details

The Hex color **2F2839** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **323928**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5D5568**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **2C2239**, and if you desaturate by 10%, it is **322E39**.

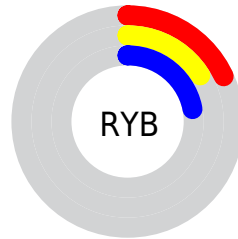
Distribution



 Red (18%)

 Green (16%)

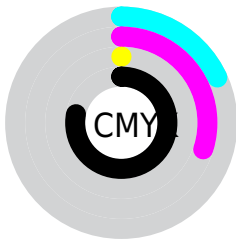
 Blue (22%)



 Red (18%)

 Yellow (16%)

 Blue (22%)

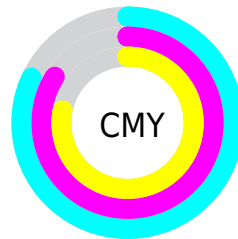


 Cyan (18%)

 Magenta (30%)

 Yellow (0%)

 Black (78%)



 Cyan (82%)

 Magenta (84%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2839 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 2F2839 by changing the saturation by 10% instead.

■ 2F2839

■ 2F2839

FFFFFF

■ 1A1423

■ 5D5568

■ 00010D

■ 766D81

■ 000000

■ 90879B

■ AAA1B6

■ C5BCD2

■ E1D8EE

■ FEF4FF

■ 2F2839

■ 2F2839

■ 2C2239

■ 322E39

■ 281D39

■ 363339

■ 251739

■ 393939

■ 221139

■ 3C3F39

■ 1E0C39

■ 404539

■ 1B0639

■ 434A39

■ 180039

■ 465039

■ 170039

■ 4A5639

■ 4D5B39

Harmonies

Analogous

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



232B3C



2F2839



382532

Triad

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



2F2839



37281B



12302D

Complementary

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



2F2839



323928

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.



1B2F24



2F2839



2F2B1A

Square

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



2F2839



3C2621



252E1D



0E2F35

Rectangle

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



2F2839



3B252C



252E1D



14302A

Sweetspot

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



2F2839



46434A



283239



242226



A6A6A6



262626

Same Dimension

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



2F2839



3A2F4A



372839



1A191C



26005C



5A00DB

Inverse Universe

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



392832



4A2F3F



2A3928



1C191B



5C0036



DB0081

Previews

White Background



This preview shows how the Hex color 2F2839 looks on a white background.

Color Contrast Check

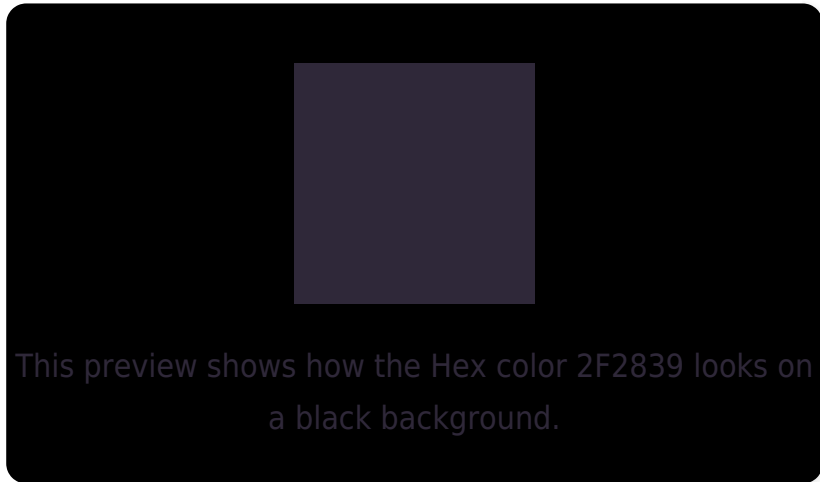
Large Text (above 18pt) WCAG AA ✓ Pass

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

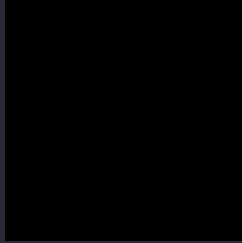
Any Text WCAG AA × Fail

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 2F2839 Background



This preview shows how black text looks on a background with the Hex color 2F2839.



This preview shows how white text looks on a background with the Hex color 2F2839.

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
2F2839

Protanopia
262B3B

Deuteranopia
282A39



Tritanopia
2D2A2E

Trichromacy



Original Color

2F2839

Protanomaly

292A3A

Deuteranomaly

2B2939

Tritanomaly

2E2932

Monochromacy



Original Color

2F2839

Achromatopsia

2C2C2C

Achromatomaly

2D2B31

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2839 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 #2F2839 looks like.

```
.text, #text, p{  
    color:#2F2839  
}
```

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 #2F2839 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2839
}
```

Border

The CSS property to change the border of an element to Hex 2F2839 is called "border". The border property can be set on classes, ids or directly on the HTML element.

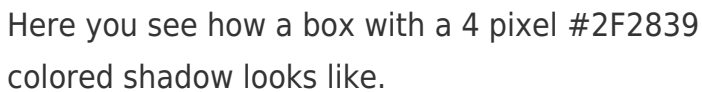
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F2839 }
```

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

```
.border{ border-color:#2F2839 }
```

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



Here you see how a box with a 4 pixel #2F2839 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2839; -webkit-box-shadow:4px 4px  
4px 4px #2F2839; box-shadow:4px 4px 4px  
4px #2F2839 }
```

Background

The CSS property to change the background color of an element to Hex 2F2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2839 }
```

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

```
.background{ background-color:#2F2839 }
```

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