

Converting Colors

Hex(2D2F39)

Have a look what the booklet for
Hex(2D2F39) contains.

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Color

Hex(2D2F39)

Conversions

Conversions Part 1

Format	Color
Hex	2D2F39
RGB	45, 47, 57
RGB Percent	18%, 18%, 22%
CMY	0.8235, 0.8157, 0.7765
CMYK	0.21, 0.18, 0.00, 0.78
HSL	230°, 12%, 20%
HSV	230°, 21%, 22%
XYZ	2.8372, 2.8863, 4.2785
YIQ	47.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

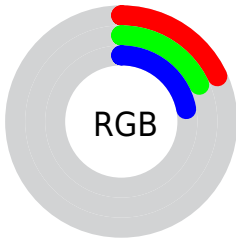
Format	Color
RYB	45, 47, 57
Decimal	2961209
CIELab	19.58, 1.73, -6.64
CIELCh	20, 6.866, 284.589
Yxy	2.8863, 0.2837, 0.2886
Android (android.graphics.Color)	4281151289 (0xFF2D2F39)
YUV	47.5420, 4.6628, -2.2293
Hunter-Lab	16.9892, 0.0787, -3.0389

Details

The Hex color **2D2F39** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **39372D**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5B5D68**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **272A39**, and if you desaturate by 10%, it is **333439**.

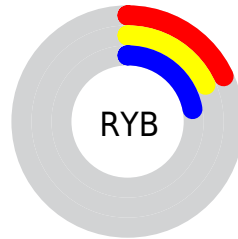
Distribution



Red (18%)

Green (18%)

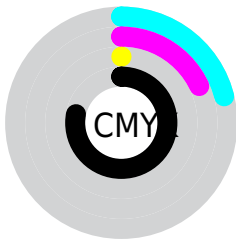
Blue (22%)



Red (18%)

Yellow (18%)

Blue (22%)

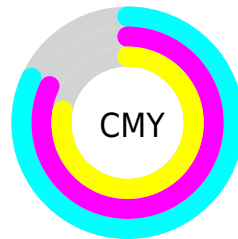


Cyan (21%)

Magenta (18%)

Yellow (0%)

Black (78%)



Cyan (82%)

Magenta (82%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2F39 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 2D2F39 by changing the saturation by 10% instead.

■ 2D2F39

■ 2D2F39

FFFFFF

■ 181A23

■ 5B5D68

■ 00010E

■ 737581

■ 000000

■ 8D8F9B

■ A7A9B6

■ C3C5D1

■ DEE1EE

■ FBFDFD

■ 2D2F39

■ 2D2F39

■ 272A39

■ 333439

■ 222639

■ 383939

■ 1C2139

■ 3E3D39

■ 161C39

■ 444239

■ 111739

■ 4A4739

■ 0B1339

■ 4F4C39

■ 050E39

■ 555039

■ 000A39

■ 5B5539

■ 605A39

Harmonies

Analogous

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



273139



2D2F39



332D37

Triad

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



2D2F39



392D29



26322D

Complementary

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



2D2F39



39372D

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.



2B3128



2D2F39



362E26

Square

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



2D2F39



3A2C2D



313026



233232

Rectangle

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



2D2F39



372C34



313026



27322B

Sweetspot

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



2D2F39



46464A



2D3937



242426



A6A6A6



262626

Same Dimension

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



2D2F39



373B4A



312D39



191A1C



000F5C



0025DB

Inverse Universe

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



392D2F



4A373B



35392D



1C191A



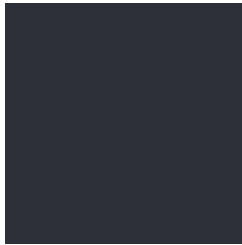
5C000F



DB0025

Previews

White Background



This preview shows how the Hex color 2D2F39 looks on a white background.

Color Contrast Check

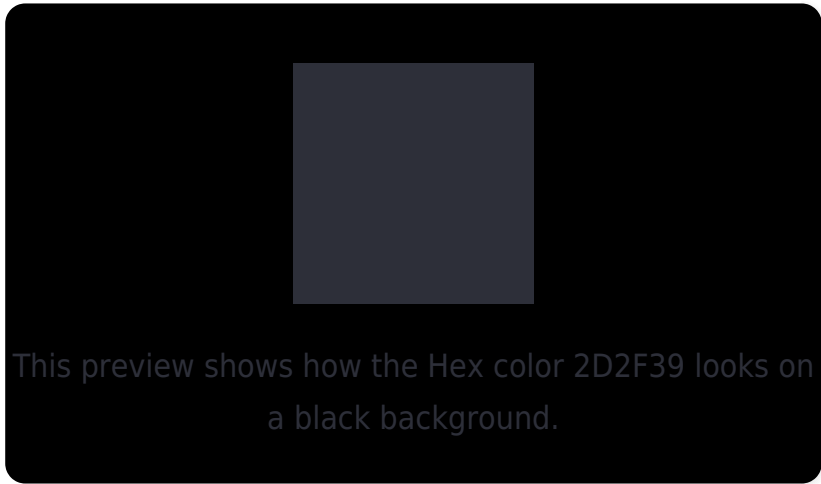
Large Text (above 18pt) WCAG AA ✓ Pass

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

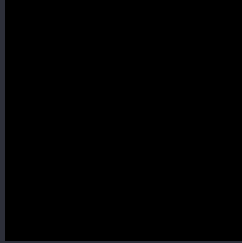
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

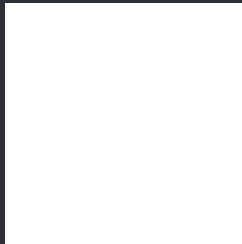
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2D2F39 Background



This preview shows how black text looks on a background with the Hex color 2D2F39.

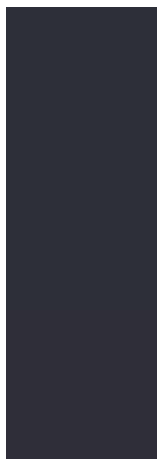


This preview shows how white text looks on a background with the Hex color 2D2F39.

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

2D2F39

Protanopia

2D2F39

Deuteranopia

2F2E39

Trichromacy



Original Color
2D2F39

Protanomaly
2D2F39

Deuteranomaly
2E2E39

Tritanomaly
2C3036

Monochromacy



Original Color
2D2F39

Achromatopsia
303030

Achromatomaly
2F3033

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2F39 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 #2D2F39 looks like.

```
.text, #text, p{  
    color:#2D2F39  
}
```

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 #2D2F39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2F39
}
```

Border

The CSS property to change the border of an element to Hex 2D2F39 is called "border". The border property can be set on classes, ids or directly on the HTML element.

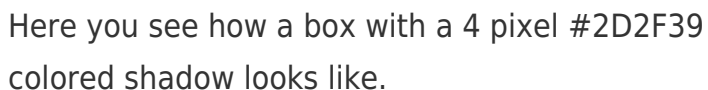
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D2F39 }
```

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

```
.border{ border-color:#2D2F39 }
```

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



Here you see how a box with a 4 pixel #2D2F39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2F39; -webkit-box-shadow:4px 4px  
4px 4px #2D2F39; box-shadow:4px 4px 4px  
4px #2D2F39 }
```

Background

The CSS property to change the background color of an element to Hex 2D2F39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2F39 }
```

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

```
.background{ background-color:#2D2F39 }
```

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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