

Converting Colors

Hex(2C2A3F)

Have a look what the booklet for
Hex(2C2A3F) contains.

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Color

Hex(2C2A3F)

Conversions

Conversions Part 1

Format	Color
Hex	2C2A3F
RGB	44, 42, 63
RGB Percent	17%, 16%, 25%
CMY	0.8275, 0.8353, 0.7529
CMYK	0.30, 0.33, 0.00, 0.75
HSL	246°, 20%, 21%
HSV	246°, 33%, 25%
XYZ	2.7639, 2.5503, 5.0492
YIQ	44.9920, -5.5490, 6.9550

Conversions

Conversions Part 2

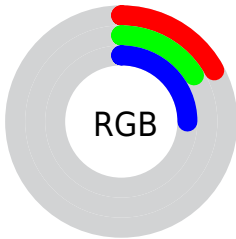
Format	Color
RYB	44, 42, 63
Decimal	2894399
CIELab	18.14, 6.58, -12.98
CIElCh	18, 14.557, 296.877
Yxy	2.5503, 0.2667, 0.2461
Android (android.graphics.Color)	4281084479 (0xFF2C2A3F)
YUV	44.9920, 8.8779, -0.8700
Hunter-Lab	15.9696, 2.9463, -7.5674

Details

The Hex color **2C2A3F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D3F2A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5A576F**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **26243F**, and if you desaturate by 10%, it is **32303F**.

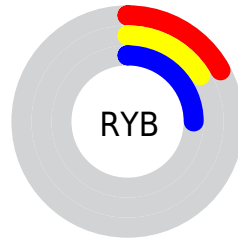
Distribution



 Red (17%)

 Green (16%)

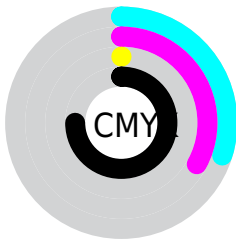
 Blue (25%)



 Red (17%)

 Yellow (16%)

 Blue (25%)

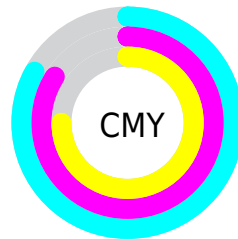


 Cyan (30%)

 Magenta (33%)

 Yellow (0%)

 Black (75%)



 Cyan (83%)

 Magenta (84%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2A3F 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 2C2A3F by changing the saturation by 10% instead.

■ 2C2A3F

■ 2C2A3F

FFFFFF

■ 171629

■ 5A576F

■ 000114

■ 737088

■ 000000

■ 8C89A2

■ A7A3BD

■ C2BED9

■ DEDAF6

■ FBF7FF

■ 2C2A3F

■ 2C2A3F

■ 26243F

■ 32303F

■ 211D3F

■ 37373F

■ 1B173F

■ 3D3D3F

■ 15113F

■ 43433F

■ 0F0A3F

■ 494A3F

■ 0A043F

■ 4E503F

■ 06003F

■ 54563F

■ 5A5C3F

■ 5F633F

Harmonies

Analogous

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



1B2E41



2C2A3F



392638

Triad

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



2C2A3F



3C281B



10322B

Complementary

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



2C2A3F



3D3F2A

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.



1D3121



2C2A3F



342B17

Square

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



2C2A3F



412523



2A2F19



043235

Rectangle

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



2C2A3F



3E2531



2A2F19



143227

Sweetspot

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



2C2A3F



4A4952



2A3D3F



242429



A8A8A8



292929

Same Dimension

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



2C2A3F



343152



362A3F



1C1C1F



09005E



1500DE

Inverse Universe

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



3F2A3D



52314E



333F2A



1F1C1E



5E0055



DE00C9

Previews

White Background



This preview shows how the Hex color 2C2A3F looks on a white background.

Color Contrast Check

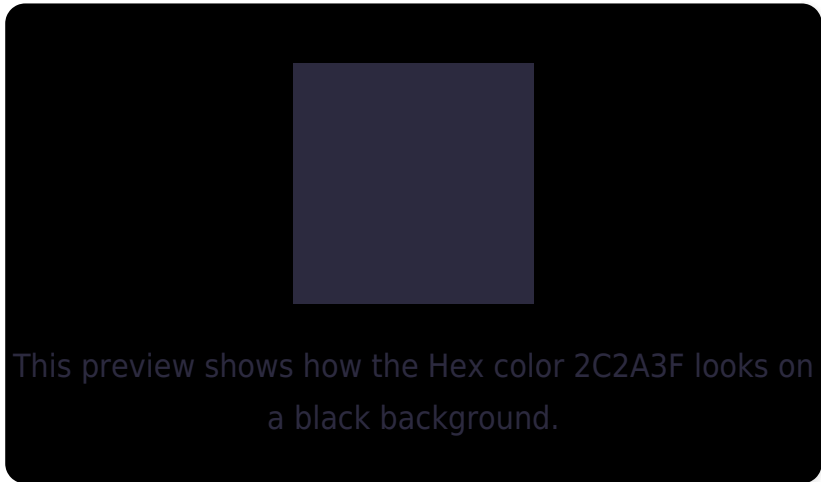
Large Text (above 18pt) WCAG AA ✓ Pass

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

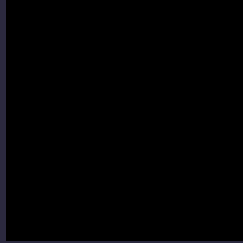
Any Text WCAG AA × Fail

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 2C2A3F Background



This preview shows how black text looks on a background with the Hex color 2C2A3F.

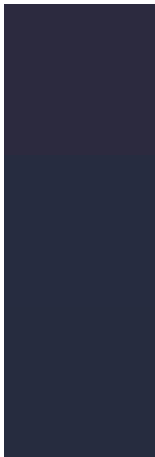


This preview shows how white text looks on a background with the Hex color 2C2A3F.

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
2C2A3F

Protanopia
262C40

Deuteranopia
262C3F



Tritanopia
292D30

Trichromacy



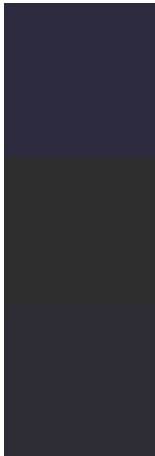
Original Color
2C2A3F

Protanomaly
282B40

Deuteranomaly
282B3F

Tritanomaly
2A2C35

Monochromacy



Original Color
2C2A3F

Achromatopsia
2D2D2D

Achromatomaly
2D2C34

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2A3F 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 #2C2A3F looks like.

```
.text, #text, p{  
    color:#2C2A3F  
}
```

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 #2C2A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2A3F
}
```

Border

The CSS property to change the border of an element to Hex 2C2A3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

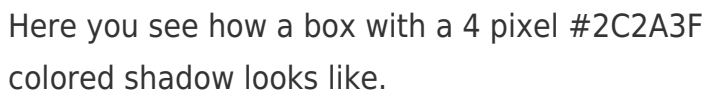
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C2A3F }
```

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

```
.border{ border-color:#2C2A3F }
```

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



Here you see how a box with a 4 pixel #2C2A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2A3F; -webkit-box-shadow:4px 4px  
4px 4px #2C2A3F; box-shadow:4px 4px 4px  
4px #2C2A3F }
```

Background

The CSS property to change the background color of an element to Hex 2C2A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2A3F }
```

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

```
.background{ background-color:#2C2A3F }
```

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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