

# Converting Colors

Hex(2C313A)

Have a look what the booklet for  
Hex(2C313A) contains.

<b>Hex(2C313A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(2C313A)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C313A
RGB	44, 49, 58
RGB Percent	17%, 19%, 23%
CMY	0.8275, 0.8078, 0.7725
CMYK	0.24, 0.16, 0.00, 0.77
HSL	219°, 14%, 20%
HSV	219°, 24%, 23%
XYZ	2.9007, 3.0376, 4.4364
YIQ	48.5310, -5.8690, 1.7390

# Conversions

## Conversions Part 2

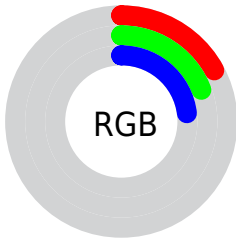
Format	Color
<b>RYB</b>	44, 48, 58
Decimal	2896186
CIELab	20.19, 0.24, -6.42
CIElCh	20, 6.423, 272.183
Yxy	3.0376, 0.2796, 0.2928
Android (android.graphics.Color)	4281086266 (0xFF2C313A)
YUV	48.5310, 4.6682, -3.9737
Hunter-Lab	17.4287, -0.7915, -2.8920

# Details

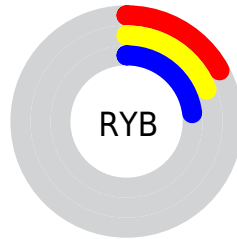
The Hex color **2C313A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A352C**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5A5F69**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **262D3A**, and if you desaturate by 10%, it is **32353A**.

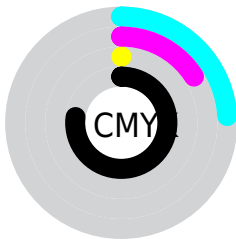
# Distribution



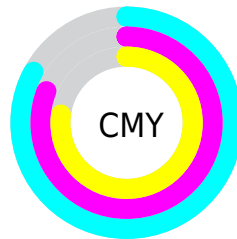
- Red (17%)
- Green (19%)
- Blue (23%)



- Red (17%)
- Yellow (19%)
- Blue (23%)



- Cyan (24%)
- Magenta (16%)
- Yellow (0%)
- Black (77%)



- Cyan (83%)
- Magenta (81%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C313A 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 2C313A by changing the saturation by 10% instead.



■ 2C313A

■ 2C313A

FFFFFF

■ 171C24

■ 5A5F69

■ 00010F

■ 727882

■ 000000

■ 8C919C

■ A6ACB7

■ C1C7D3

■ DDE3EF

■ FAFFFF

■ 2C313A

■ 2C313A

■ 262D3A

■ 32353A

■ 202A3A

■ 38383A

■ 1B263A

■ 3D3C3A

■ 15223A

■ 43403A

■ 0F1E3A

■ 49443A

■ 091B3A

■ 4F473A

■ 03173A

■ 554B3A

■ 00153A

■ 5A4F3A

■ 60533A

# Harmonies

## Analogous

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



273239



2C313A



322F39

# Triad

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



2C313A



3B2E2C



2A332C

# Complementary

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



2C313A



3A352C

# 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.



2F3229



2C313A



382F29

# Square

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



2C313A



3A2D31



343027



263331

# Rectangle

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



2C313A



362E37



343027



2B332B



# Sweetspot

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



2C313A



47494D



2C3A35



232426



A6A6A6



262626



# Same Dimension

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



2C313A



363E4D



2E2C3A



191A1C



00215C



004EDB



# Inverse Universe

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



3A2C31



4D363E



383A2C



1C191A



5C0021

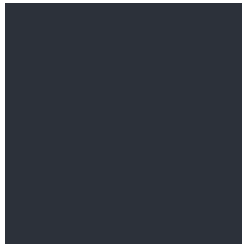


DB004E



# Previews

## White Background



This preview shows how the Hex color 2C313A looks on a white background.

## Color Contrast Check

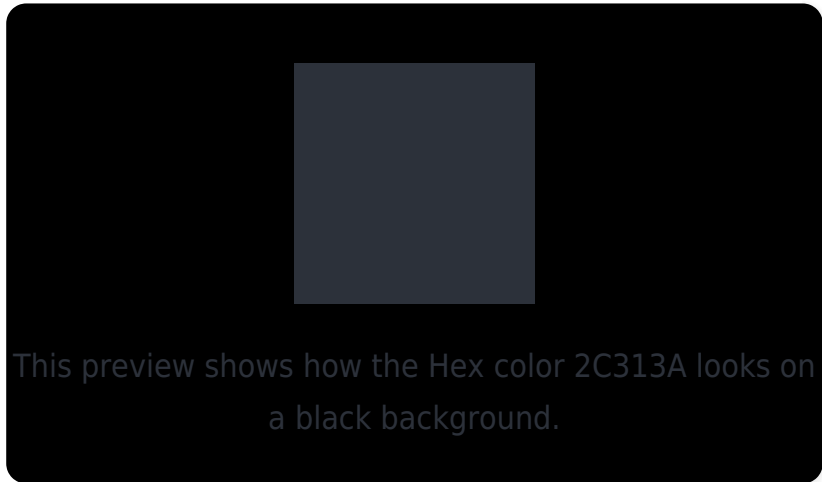
Large Text (above 18pt) WCAG AA ✓ Pass

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

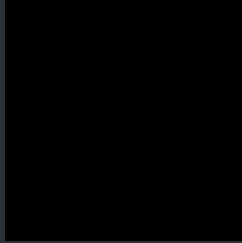
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

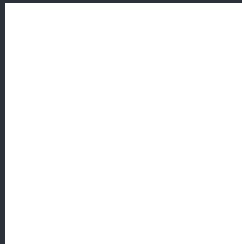
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2C313A Background



This preview shows how black text looks on a background with the Hex color 2C313A.



This preview shows how white text looks on a background with the Hex color 2C313A.

# 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](#).

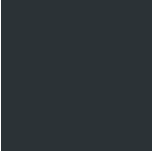
## Dichromacy



**Original Color**  
2C313A

**Protanopia**  
2F3039

**Deuteranopia**  
31303A



**Tritanopia**  
2B3236

# Trichromacy



**Original Color**  
2C313A

**Protanomaly**  
2E3039

**Deuteranomaly**  
2F303A

**Tritanomaly**  
2B3237

# Monochromacy



**Original Color**  
2C313A

**Achromatopsia**  
313131

**Achromatomaly**  
2F3134

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C313A 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 #2C313A looks like.

```
.text, #text, p{  
    color:#2C313A  
}
```

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 #2C313A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C313A
}
```

## Border

The CSS property to change the border of an element to Hex 2C313A is called "border". The border property can be set on classes, ids or directly on the HTML element.

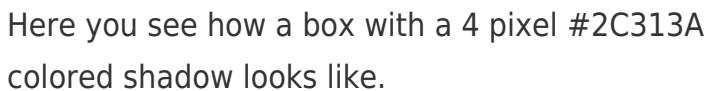
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C313A }
```

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

```
.border{ border-color:#2C313A }
```

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



Here you see how a box with a 4 pixel #2C313A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C313A; -webkit-box-shadow:4px 4px  
4px 4px #2C313A; box-shadow:4px 4px 4px  
4px #2C313A }
```

# Background

The CSS property to change the background color of an element to Hex 2C313A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C313A }
```

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

```
.background{ background-color:#2C313A }
```

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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