

# Converting Colors

Hex(2E2E3C)

Have a look what the booklet for  
Hex(2E2E3C) contains.

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# Color

Hex(2E2E3C)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E2E3C
RGB	46, 46, 60
RGB Percent	18%, 18%, 24%
CMY	0.8196, 0.8196, 0.7647
CMYK	0.23, 0.23, 0.00, 0.76
HSL	240°, 13%, 21%
HSV	240°, 23%, 24%
XYZ	2.9193, 2.8611, 4.6733
YIQ	47.5960, -4.4940, 4.3540

# Conversions

## Conversions Part 2

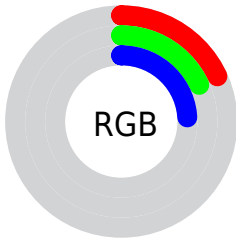
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 46, 60
Decimal	3026492
CIELab	19.48, 3.66, -8.85
CIElCh	19, 9.581, 292.456
Yxy	2.8611, 0.2793, 0.2737
Android (android.graphics.Color)	4281216572 (0xFF2E2E3C)
YUV	47.5960, 6.1152, -1.3997
Hunter-Lab	16.9147, 1.2066, -4.5408

# Details

The Hex color **2E2E3C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C3C2E**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5C5C6B**, and **000012** is the 20% darker color. If you saturate the color by 10%, you get **28283C**, and if you desaturate by 10%, it is **34343C**.

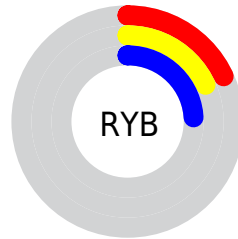
# Distribution



Red (18%)

Green (18%)

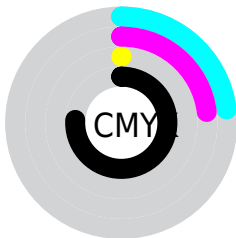
Blue (24%)



Red (18%)

Yellow (18%)

Blue (24%)

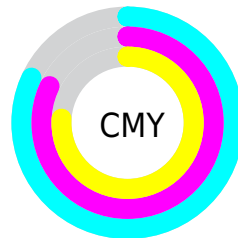


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (76%)



Cyan (82%)

Magenta (82%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E2E3C 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 2E2E3C by changing the saturation by 10% instead.





2E2E3C



2E2E3C

FFFFFF



191926



5C5C6B



000012



757485



000000



8E8E9F



A9A8BA



C4C3D5



E0DF2



FDFCFF



2E2E3C



2E2E3C

■ 28283C

■ 34343C

■ 22223C

■ 3A3A3C

■ 1C1C3C

■ 40403C

■ 16163C

■ 46463C

■ 10103C

■ 4C4C3C

■ 0A0A3C

■ 52523C

■ 04043C

■ 58583C

■ 00003C

■ 5E5E3C

■ 64643C

# Harmonies

## Analogous

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



24303D



2E2E3C



362C38

# Triad

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



2E2E3C



3B2C24



20332D

# Complementary

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



2E2E3C



3C3C2E

# 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.



273227



2E2E3C



362E21

# Square

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



2E2E3C



3E2A2A



2F3022



1B3334

# Rectangle

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



2E2E3C



3B2B34



2F3022



22332B



# Sweetspot

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



2E2E3C



4A4A4F



2E3C3C



262629



A8A8A8



292929



# Same Dimension

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



2E2E3C



39394F



352E3C



1C1C1F



00005E



0000DE



# Inverse Universe

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



3C2E3C



4F394F



353C2E



1F1C1F



5E005E



DE00DE



# Previews

## White Background



This preview shows how the Hex color 2E2E3C looks on a white background.

## Color Contrast Check

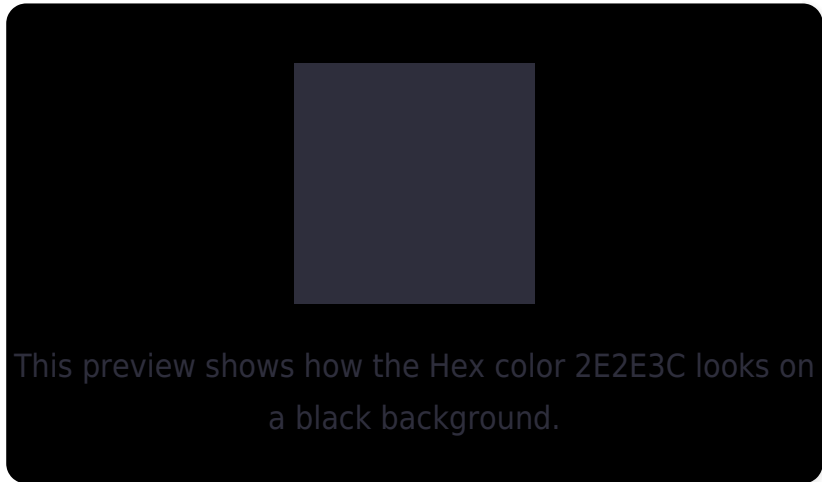
Large Text (above 18pt) WCAG AA ✓ Pass

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

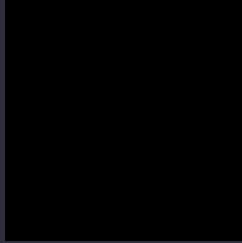
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E2E3C Background



This preview shows how black text looks on a background with the Hex color 2E2E3C.



This preview shows how white text looks on a background with the Hex color 2E2E3C.

# 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**  
2E2E3C

**Protanopia**  
2C2F3C

**Deuteranopia**  
2D2E3C



# Trichromacy



**Original Color**  
2E2E3C

**Protanomaly**  
2D2F3C

**Deuteranomaly**  
2D2E3C

**Tritanomaly**  
2D2F36

# Monochromacy



**Original Color**  
2E2E3C

**Achromatopsia**  
303030

**Achromatomaly**  
2F2F34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E2E3C 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 #2E2E3C looks like.

```
.text, #text, p{  
    color:#2E2E3C  
}
```

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 #2E2E3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2E3C
}
```

## Border

The CSS property to change the border of an element to Hex 2E2E3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

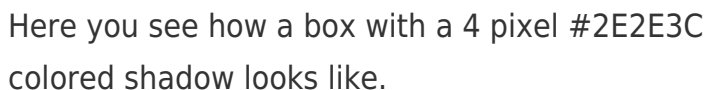
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2E3C }
```

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

```
.border{ border-color:#2E2E3C }
```

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



Here you see how a box with a 4 pixel #2E2E3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2E3C; -webkit-box-shadow:4px 4px  
4px 4px #2E2E3C; box-shadow:4px 4px 4px  
4px #2E2E3C }
```

# Background

The CSS property to change the background color of an element to Hex 2E2E3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2E3C }
```

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

```
.background{ background-color:#2E2E3C }
```

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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