

Converting Colors

Hex(2B2B3C)

Have a look what the booklet for
Hex(2B2B3C) contains.

Hex(2B2B3C)	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(2B2B3C)

Conversions

Conversions Part 1

Format	Color
Hex	2B2B3C
RGB	43, 43, 60
RGB Percent	17%, 17%, 24%
CMY	0.8314, 0.8314, 0.7647
CMYK	0.28, 0.28, 0.00, 0.76
HSL	240°, 17%, 20%
HSV	240°, 28%, 24%
XYZ	2.6757, 2.5676, 4.6295
YIQ	44.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

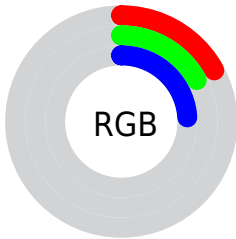
Format	Color
R_{YB}	43, 43, 60
Decimal	2829116
CIE Lab	18.22, 4.60, -10.80
CIE LCh	18, 11.740, 293.050
Yxy	2.5676, 0.2710, 0.2601
Android (android.graphics.Color)	4281019196 (0xFF2B2B3C)
YUV	44.9380, 7.4256, -1.6996
Hunter-Lab	16.0237, 1.7657, -5.9133

Details

The Hex color **2B2B3C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C3C2B**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **59586B**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **25253C**, and if you desaturate by 10%, it is **31313C**.

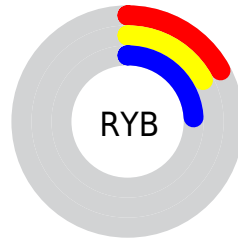
Distribution



 Red (17%)

 Green (17%)

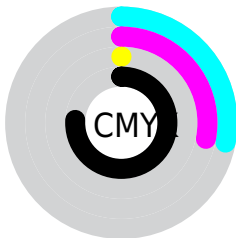
 Blue (24%)




 Red (17%)

 Yellow (17%)

 Blue (24%)

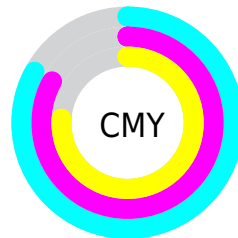


 Cyan (28%)


 Magenta (28%)

 Yellow (0%)

 Black (76%)



 Cyan (83%)

 Magenta (83%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2B3C 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 2B2B3C by changing the saturation by 10% instead.

■ 2B2B3C

■ 2B2B3C

FFFFFF

■ 161726

■ 59586B

■ 000111

■ 717185

■ 000000

■ 8B8A9F

■ A5A4BA

■ C1C0D5

■ DCDBF2

■ F9F8FF

■ 2B2B3C

■ 2B2B3C

■ 25253C

■ 31313C

■ 1F1F3C

■ 37373C

■ 19193C

■ 3D3D3C

■ 13133C

■ 43433C

■ 0D0D3C

■ 49493C

■ 07073C

■ 4F4F3C

■ 01013C

■ 55553C

■ 00003C

■ 5B5B3C

■ 61613C

Harmonies

Analogous

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



1F2E3D



2B2B3C



352837

Triad

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



2B2B3C



3B281F



18312A

Complementary

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



2B2B3C



3C3C2B

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.



223022



2B2B3C



342B1C

Square

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



2B2B3C



3D2726



2C2E1D



123133

Rectangle

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



2B2B3C



3A2732



2C2E1D



1B3127

Sweetspot

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



2B2B3C



48484F



2B3C3C



242429



A8A8A8



292929

Same Dimension

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



2B2B3C



34344F



332B3C



1C1C1F



00005E



0000DE

Inverse Universe

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



3C2B3C



4F344F



333C2B



1F1C1F



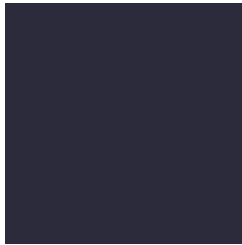
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 2B2B3C looks on a white background.

Color Contrast Check

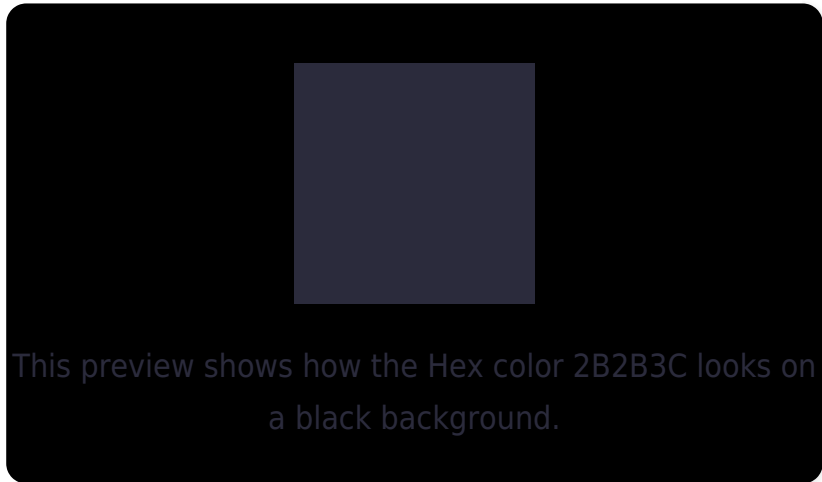
Large Text (above 18pt) WCAG AA ✓ Pass

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

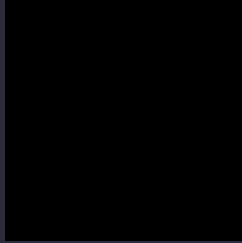
Any Text WCAG AA × Fail

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 2B2B3C Background



This preview shows how black text looks on a background with the Hex color 2B2B3C.



This preview shows how white text looks on a background with the Hex color 2B2B3C.

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
2B2B3C

Protanopia
282C3D

Deuteranopia
282C3C



Tritanopia
292D31

Trichromacy



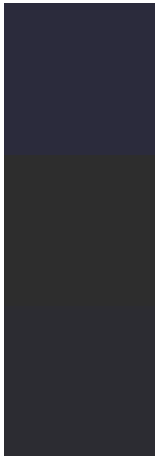
Original Color
2B2B3C

Protanomaly
292C3D

Deuteranomaly
292C3C

Tritanomaly
2A2C35

Monochromacy



Original Color
2B2B3C

Achromatopsia
2D2D2D

Achromatomaly
2C2C32

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2B3C 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 #2B2B3C looks like.

```
.text, #text, p{  
    color:#2B2B3C  
}
```

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 #2B2B3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2B3C
}
```

Border

The CSS property to change the border of an element to Hex 2B2B3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

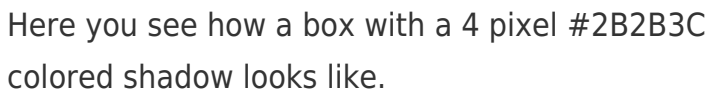
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B2B3C }
```

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

```
.border{ border-color:#2B2B3C }
```

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



Here you see how a box with a 4 pixel #2B2B3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2B3C; -webkit-box-shadow:4px 4px  
4px 4px #2B2B3C; box-shadow:4px 4px 4px  
4px #2B2B3C }
```

Background

The CSS property to change the background color of an element to Hex 2B2B3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2B3C }
```

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

```
.background{ background-color:#2B2B3C }
```

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