

Converting Colors

Hex(2A2B3C)

Have a look what the booklet for
Hex(2A2B3C) contains.

Hex(2A2B3C)	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(2A2B3C)

Conversions

Conversions Part 1

Format	Color
Hex	2A2B3C
RGB	42, 43, 60
RGB Percent	16%, 17%, 24%
CMY	0.8353, 0.8314, 0.7647
CMYK	0.30, 0.28, 0.00, 0.76
HSL	237°, 18%, 20%
HSV	237°, 30%, 24%
XYZ	2.6343, 2.5462, 4.6276
YIQ	44.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

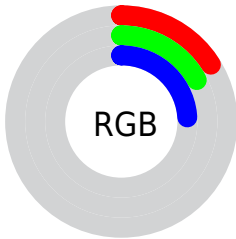
Format	Color
RYB	42, 43, 60
Decimal	2763580
CIELab	18.13, 4.22, -10.96
CIELCh	18, 11.741, 291.054
Yxy	2.5462, 0.2686, 0.2596
Android (android.graphics.Color)	4280953660 (0xFF2A2B3C)
YUV	44.6390, 7.5730, -2.3144
Hunter-Lab	15.9569, 1.5439, -6.0245

Details

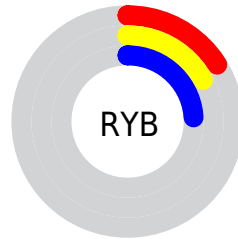
The Hex color **2A2B3C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C3B2A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **58586B**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **24253C**, and if you desaturate by 10%, it is **30313C**.

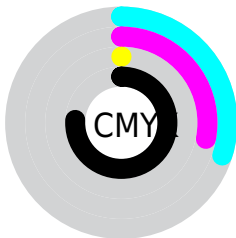
Distribution



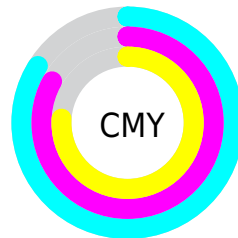
- Red (16%)
- Green (17%)
- Blue (24%)



- Red (16%)
- Yellow (17%)
- Blue (24%)



- Cyan (30%)
- Magenta (28%)
- Yellow (0%)
- Black (76%)



- Cyan (84%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2B3C 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 2A2B3C by changing the saturation by 10% instead.

■ 2A2B3C

■ 2A2B3C

FFFFFF

■ 151726

■ 58586B

■ 000111

■ 707185

■ 000000

■ 8A8A9F

■ A4A4BA

■ BFBFD5

■ DBDBF2

■ F8F8FF

■ 2A2B3C

■ 2A2B3C

■ 24253C

■ 30313C

■ 1E203C

■ 36363C

■ 181A3C

■ 3C3C3C

■ 12143C

■ 42423C

■ 0C0F3C

■ 48473C

■ 06093C

■ 4E4D3C

■ 00033C

■ 54533C

■ 5A583C

■ 605E3C

Harmonies

Analogous

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



1E2E3D



2A2B3C



352837

Triad

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



2A2B3C



3B281F



193129

Complementary

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



2A2B3C



3C3B2A

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.



223021



2A2B3C



352B1C

Square

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



2A2B3C



3D2627



2C2E1C



123132

Rectangle

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



2A2B3C



3A2732



2C2E1C



1C3127

Sweetspot

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



2A2B3C



48484F



2A3C3B



242529



A8A8A8



292929

Same Dimension

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



2A2B3C



33344F



322A3C



1C1C1F



00055E



000CDE

Inverse Universe

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



3C2A2B



4F3334



343C2A



1F1C1C



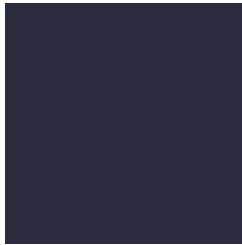
5E0005



DE000C

Previews

White Background



This preview shows how the Hex color 2A2B3C looks on a white background.

Color Contrast Check

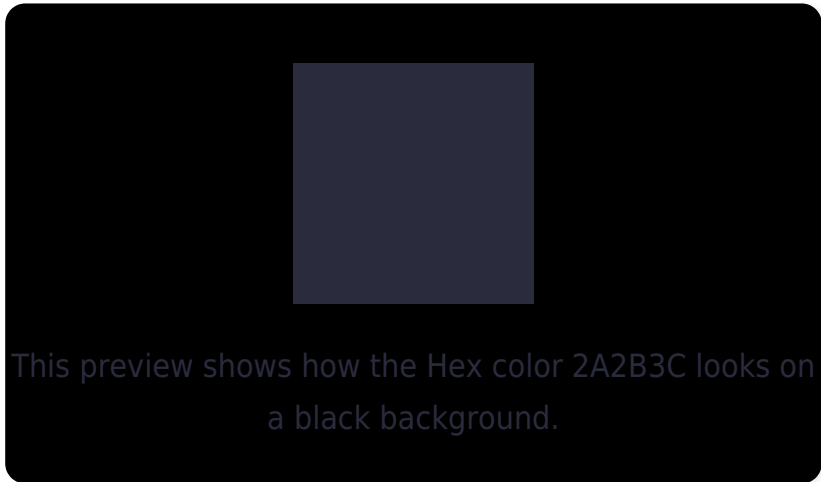
Large Text (above 18pt) WCAG AA ✓ Pass

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

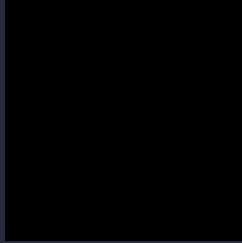
Any Text WCAG AA × Fail

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 2A2B3C Background



This preview shows how black text looks on a background with the Hex color 2A2B3C.



This preview shows how white text looks on a background with the Hex color 2A2B3C.

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
2A2B3C

Protanopia
272C3D

Deuteranopia
282C3C



Tritanopia
282D31

Trichromacy



Original Color
2A2B3C

Protanomaly
282C3D

Deuteranomaly
292C3C

Tritanomaly
292C35

Monochromacy



Original Color
2A2B3C

Achromatopsia
2D2D2D

Achromatomaly
2C2C32

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2B3C 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 #2A2B3C looks like.

```
.text, #text, p{  
    color:#2A2B3C  
}
```

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 #2A2B3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2B3C  
}
```

Border

The CSS property to change the border of an element to Hex 2A2B3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

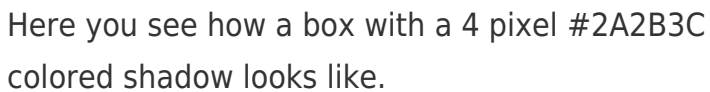
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2A2B3C }
```

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

```
.border{ border-color:#2A2B3C }
```

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



Here you see how a box with a 4 pixel #2A2B3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2B3C; -webkit-box-shadow:4px 4px  
4px 4px #2A2B3C; box-shadow:4px 4px 4px  
4px #2A2B3C }
```

Background

The CSS property to change the background color of an element to Hex 2A2B3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2B3C }
```

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

```
.background{ background-color:#2A2B3C }
```

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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