

Converting Colors

Hex(2B3B3A)

Have a look what the booklet for
Hex(2B3B3A) contains.

Hex(2B3B3A)	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(2B3B3A)

Conversions

Conversions Part 1

Format	Color
Hex	2B3B3A
RGB	43, 59, 58
RGB Percent	17%, 23%, 23%
CMY	0.8314, 0.7686, 0.7725
CMYK	0.27, 0.00, 0.02, 0.77
HSL	176°, 16%, 20%
HSV	176°, 27%, 23%
XYZ	3.3239, 3.9470, 4.5896
YIQ	54.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

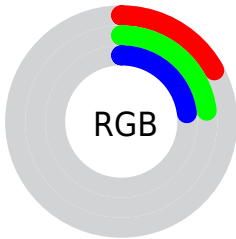
Format	Color
R _Y B	43, 51, 59
Decimal	2833210
CIE Lab	23.50, -6.73, -1.51
CIE LCh	23, 6.897, 192.635
Yxy	3.9470, 0.2803, 0.3328
Android (android.graphics.Color)	4281023290 (0xFF2B3B3A)
YUV	54.1020, 1.9217, -9.7365
Hunter-Lab	19.8671, -4.9027, 0.2099

Details

The Hex color **2B3B3A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B2B2C**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **596A69**, and **00110F** is the 20% darker color. If you saturate the color by 10%, you get **253B3A**, and if you desaturate by 10%, it is **313B3A**.

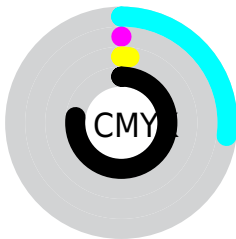
Distribution



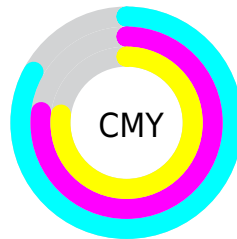
- Red (17%)
- Green (23%)
- Blue (23%)



- Red (17%)
- Yellow (20%)
- Blue (23%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (77%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3B3A 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 2B3B3A by changing the saturation by 10% instead.

■ 2B3B3A

■ 2B3B3A

FFFFFF

■ 162524

■ 596A69

■ 00110F

■ 728382

■ 000000

■ 8B9D9C

■ A6B8B7

■ C1D4D3

■ DDF0EF

■ F9FFFF

■ 2B3B3A

■ 2B3B3A

■ 253B3A

■ 313B3A

■ 1F3B39

■ 373B3B

■ 193B39

■ 3D3B3B

■ 133B39

■ 433B3B

■ 0E3B38

■ 493B3C

■ 083B38

■ 4E3B3C

■ 023B37

■ 543B3D

■ 003B37

■ 5A3B3D

■ 603B3D

Harmonies

Analogous

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



2E3B35



2B3B3A



2B3B3F

Triad

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



2B3B3A



3C3640



3F372E

Complementary

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



2B3B3A



3B2B2C

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.



423531



2B3B3A



41353B

Square

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



2B3B3A



353842



433436



3A382E

Rectangle

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



2B3B3A



2D3A41



433436



40362F

Sweetspot

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



2B3B3A



464D4C



2C3B2B



222626



A6A6A6



262626

Same Dimension

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



2B3B3A



334D4B



2B343B



1C1F1E



005E58



00DED0

Inverse Universe

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



3B2B2C



4D3335



3B322B



1F1C1C



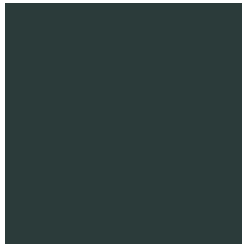
5E0006



DE000E

Previews

White Background



This preview shows how the Hex color 2B3B3A looks on a white background.

Color Contrast Check

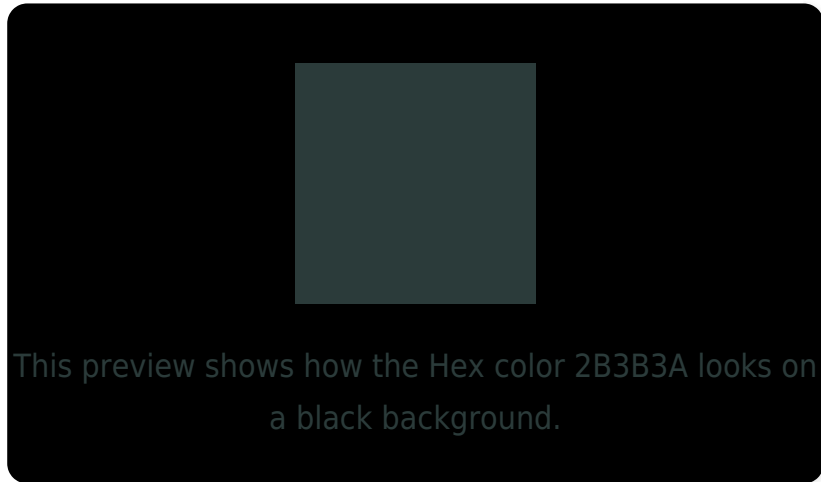
Large Text (above 18pt) WCAG AA ✓ Pass

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

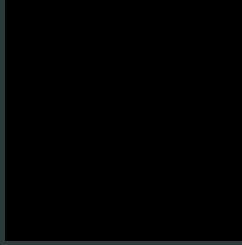
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

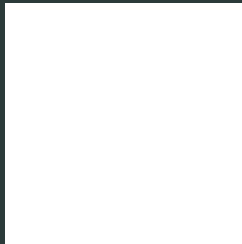
Any Text WCAG AAA × Fail

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

Hex 2B3B3A Background



This preview shows how black text looks on a background with the Hex color 2B3B3A.



This preview shows how white text looks on a background with the Hex color 2B3B3A.

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

2B3B3A

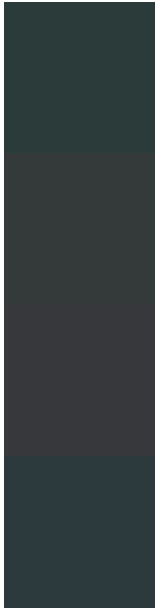
Protanopia

393838

Deuteranopia

3C363B

Trichromacy



Original Color

2B3B3A

Protanomaly

343939

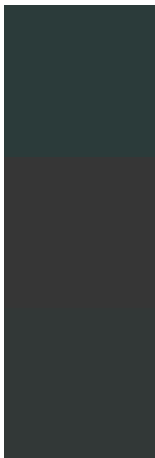
Deuteranomaly

36383B

Tritanomaly

2C3A3D

Monochromacy



Original Color

2B3B3A

Achromatopsia

363636

Achromatomaly

323837

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3B3A 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 #2B3B3A looks like.

```
.text, #text, p{  
    color:#2B3B3A  
}
```

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 #2B3B3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3B3A
}
```

Border

The CSS property to change the border of an element to Hex 2B3B3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

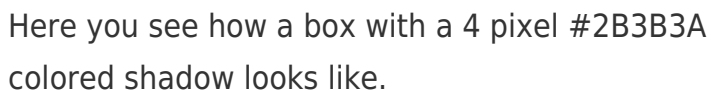
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B3B3A }
```

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

```
.border{ border-color:#2B3B3A }
```

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



Here you see how a box with a 4 pixel #2B3B3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3B3A; -webkit-box-shadow:4px 4px  
4px 4px #2B3B3A; box-shadow:4px 4px 4px  
4px #2B3B3A }
```

Background

The CSS property to change the background color of an element to Hex 2B3B3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3B3A }
```

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

```
.background{ background-color:#2B3B3A }
```

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