

Converting Colors

Hex(2B3836)

Have a look what the booklet for
Hex(2B3836) contains.

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Color

Hex(2B3836)

Conversions

Conversions Part 1

Format	Color
Hex	2B3836
RGB	43, 56, 54
RGB Percent	17%, 22%, 21%
CMY	0.8314, 0.7804, 0.7882
CMYK	0.23, 0.00, 0.04, 0.78
HSL	171°, 13%, 19%
HSV	171°, 23%, 22%
XYZ	3.0763, 3.6083, 4.0244
YIQ	51.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

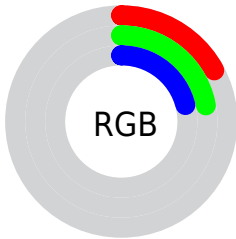
Format	Color
RYB	43, 50, 56
Decimal	2832438
CIELab	22.33, -5.88, -0.53
CIELCh	22, 5.904, 185.165
Yxy	3.6083, 0.2873, 0.3369
Android (android.graphics.Color)	4281022518 (0xFF2B3836)
YUV	51.8850, 1.0427, -7.7921
Hunter-Lab	18.9955, -4.3343, 0.7357

Details

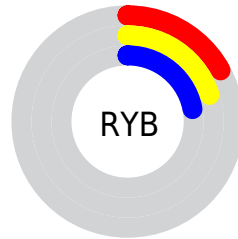
The Hex color **2B3836** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **382B2D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **596765**, and **000D0A** is the 20% darker color. If you saturate the color by 10%, you get **253835**, and if you desaturate by 10%, it is **313837**.

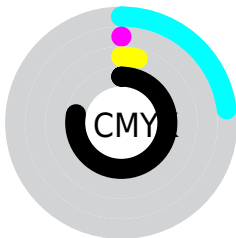
Distribution



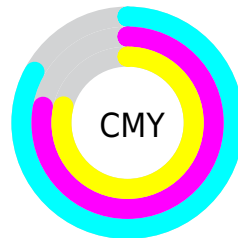
- Red (17%)
- Green (22%)
- Blue (21%)



- Red (17%)
- Yellow (20%)
- Blue (22%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (78%)



- Cyan (83%)
- Magenta (78%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3836 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 2B3836 by changing the saturation by 10% instead.

■ 2B3836

■ 2B3836

FFFFFF

■ 162321

■ 596765

■ 000D0A

■ 71807E

■ 000000

■ 8B9A97

■ A5B5B2

■ C0D0CE

■ DCEDEA

■ F9FFFF

■ 2B3836

■ 2B3836

■ 253835

■ 313837

■ 203834

■ 363838

■ 1A3833

■ 3C3839

■ 153833

■ 413839

■ 0F3832

■ 47383A

■ 093831

■ 4D383B

■ 043830

■ 52383C

■ 00382F

■ 58383D

■ 5D383E

Harmonies

Analogous

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



2E3832



2B3836



2A383A

Triad

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



2B3836



37343D



3C342E

Complementary

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



2B3836



382B2D

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.



3F3331



2B3836



3C3339

Square

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



2B3836



32353E



3E3235



38352D

Rectangle

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



2B3836



2C373C



3E3235



3D332E

Sweetspot

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



2B3836



454A49



2D382B



232626



A6A6A6



262626

Same Dimension

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



2B3836



354A47



2B3438



191C1C



005C4E



00DBBA

Inverse Universe

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



382B2D



4A3538



382F2B



1C191A



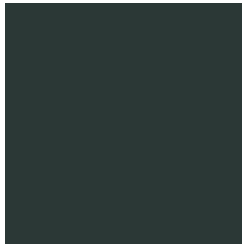
5C000E



DB0022

Previews

White Background



This preview shows how the Hex color 2B3836 looks on a white background.

Color Contrast Check

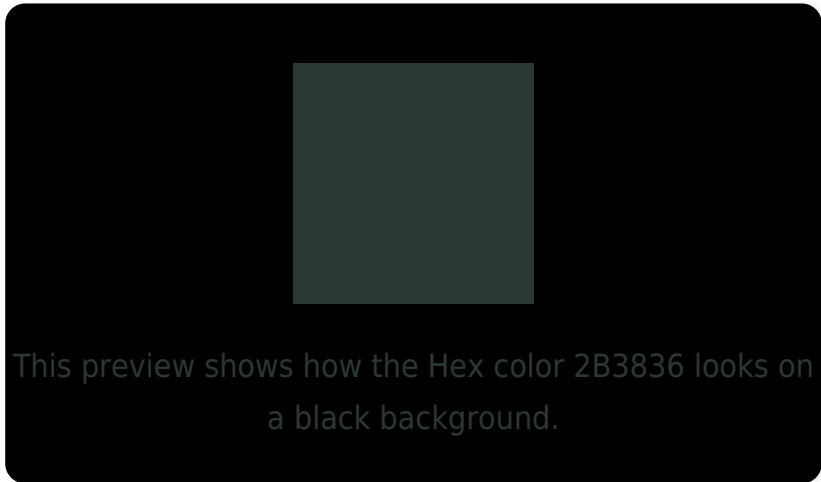
Large Text (above 18pt) WCAG AA ✓ Pass

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

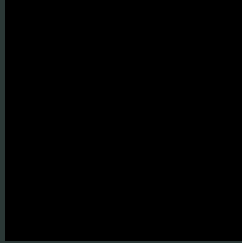
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

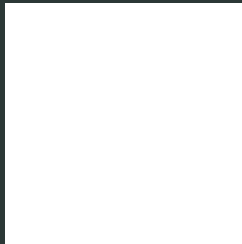
Any Text WCAG AAA × Fail

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

Hex 2B3836 Background



This preview shows how black text looks on a background with the Hex color 2B3836.

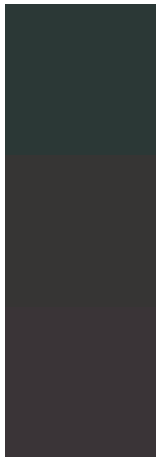


This preview shows how white text looks on a background with the Hex color 2B3836.

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
2B3836

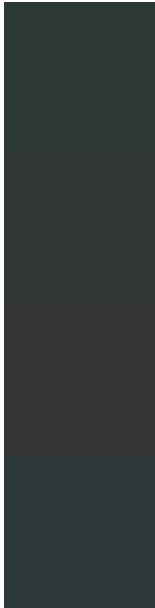
Protanopia
363534

Deuteranopia
3A3437



Tritanopia
2C373C

Trichromacy



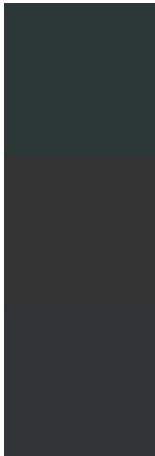
Original Color
2B3836

Protanomaly
323635

Deuteranomaly
353537

Tritanomaly
2C373A

Monochromacy



Original Color
2B3836

Achromatopsia
343434

Achromatomaly
313535

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3836 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 #2B3836 looks like.

```
.text, #text, p{  
    color:#2B3836  
}
```

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 #2B3836 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3836  
}
```

Border

The CSS property to change the border of an element to Hex 2B3836 is called "border". The border property can be set on classes, ids or directly on the HTML element.

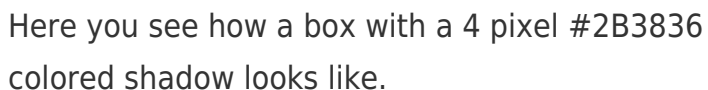
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2B3836 }
```

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

```
.border{ border-color:#2B3836 }
```

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



Here you see how a box with a 4 pixel #2B3836 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3836; -webkit-box-shadow:4px 4px  
4px 4px #2B3836; box-shadow:4px 4px 4px  
4px #2B3836 }
```

Background

The CSS property to change the background color of an element to Hex 2B3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3836 }
```

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

```
.background{ background-color:#2B3836 }
```

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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