

Converting Colors

Hex(2B3835)

Have a look what the booklet for
Hex(2B3835) contains.

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Color

Hex(2B3835)

Conversions

Conversions Part 1

Format	Color
Hex	2B3835
RGB	43, 56, 53
RGB Percent	17%, 22%, 21%
CMY	0.8314, 0.7804, 0.7922
CMYK	0.23, 0.00, 0.05, 0.78
HSL	166°, 13%, 19%
HSV	166°, 23%, 22%
XYZ	3.0530, 3.5990, 3.9019
YIQ	51.7710, -6.7850, -3.6890

Conversions

Conversions Part 2

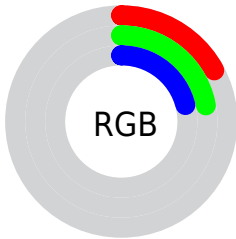
Format	Color
RYB	43, 50, 56
Decimal	2832437
CIELab	22.30, -6.14, 0.09
CIELCh	22, 6.141, 179.121
Yxy	3.5990, 0.2893, 0.3410
Android (android.graphics.Color)	4281022517 (0xFF2B3835)
YUV	51.7710, 0.6059, -7.6922
Hunter-Lab	18.9710, -4.4728, 1.0850

Details

The Hex color **2B3835** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **382B2E**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **596763**, and **000D08** is the 20% darker color. If you saturate the color by 10%, you get **253834**, and if you desaturate by 10%, it is **313836**.

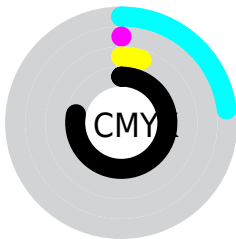
Distribution



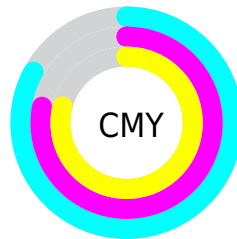
- Red (17%)
- Green (22%)
- Blue (21%)



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



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (78%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3835 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 2B3835 by changing the saturation by 10% instead.

■ 2B3835

■ 2B3835

FFFFFF

■ 162320

■ 596763

■ 000D08

■ 71807C

■ 000000

■ 8B9A96

■ A5B5B1

■ C0D0CC

■ DCEDE8

■ F9FFFF

■ 2B3835

■ 2B3835

■ 253834

■ 313836

■ 203832

■ 363838

■ 1A3831

■ 3C3839

■ 153830

■ 41383A

■ 0F382F

■ 47383B

■ 09382D

■ 4D383D

■ 04382C

■ 52383E

■ 00382B

■ 58383F

■ 5D3841

Harmonies

Analogous

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



2F3731



2B3835



2A383A

Triad

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



2B3835



36343D



3D332E

Complementary

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



2B3835



382B2E

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.



3F3231



2B3835



3B333A

Square

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



2B3835



30363E



3E3236



39352C

Rectangle

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



2B3835



2B373C



3E3236



3E332F

Sweetspot

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



2B3835



454A49



2E382B



232626



A6A6A6



262626

Same Dimension

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



2B3835



354A45



2B3538



191C1B



005C47



00DBA9

Inverse Universe

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



382B2E



4A353A



382E2B



1C191A



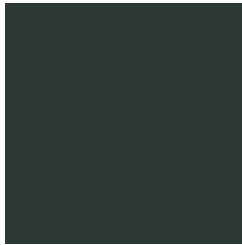
5C0015



DB0033

Previews

White Background



This preview shows how the Hex color 2B3835 looks on a white background.

Color Contrast Check

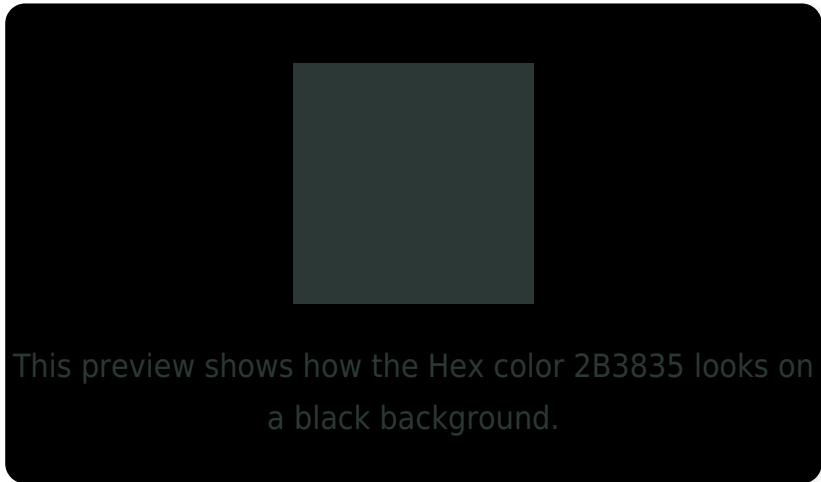
Large Text (above 18pt) WCAG AA ✓ Pass

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

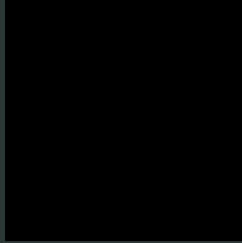
Any Text WCAG AA × Fail

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 2B3835 Background



This preview shows how black text looks on a background with the Hex color 2B3835.

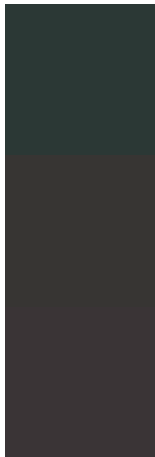


This preview shows how white text looks on a background with the Hex color 2B3835.

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
2B3835

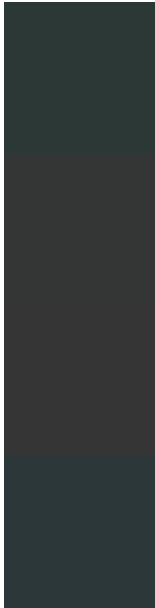
Protanopia
373533

Deuteranopia
3A3436



Tritanopia
2C373B

Trichromacy



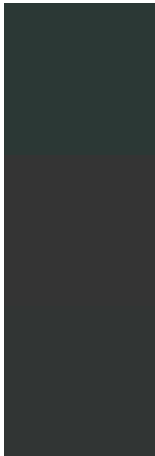
Original Color
2B3835

Protanomaly
333634

Deuteranomaly
353536

Tritanomaly
2C3739

Monochromacy



Original Color
2B3835

Achromatopsia
343434

Achromatomaly
313534

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3835 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 #2B3835 looks like.

```
.text, #text, p{  
    color:#2B3835  
}
```

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 #2B3835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3835
}
```

Border

The CSS property to change the border of an element to Hex 2B3835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

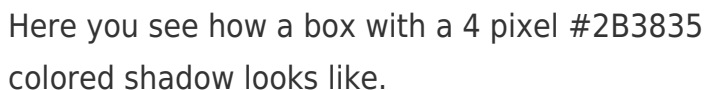
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B3835 }
```

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

```
.border{ border-color:#2B3835 }
```

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



Here you see how a box with a 4 pixel #2B3835 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3835; -webkit-box-shadow:4px 4px  
4px 4px #2B3835; box-shadow:4px 4px 4px  
4px #2B3835 }
```

Background

The CSS property to change the background color of an element to Hex 2B3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3835 }
```

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

```
.background{ background-color:#2B3835 }
```

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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