

Converting Colors

Hex(2E3837)

Have a look what the booklet for
Hex(2E3837) contains.

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Color

Hex(2E3837)

Conversions

Conversions Part 1

Format	Color
Hex	2E3837
RGB	46, 56, 55
RGB Percent	18%, 22%, 22%
CMY	0.8196, 0.7804, 0.7843
CMYK	0.18, 0.00, 0.02, 0.78
HSL	174°, 10%, 20%
HSV	174°, 18%, 22%
XYZ	3.2305, 3.6850, 4.1554
YIQ	52.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

Format	Color
R_{YB}	46, 51, 56
Decimal	3029047
CIE _{Lab}	22.60, -4.42, -0.78
CIE _{LCh}	23, 4.493, 190.022
Yxy	3.6850, 0.2918, 0.3329
Android (android.graphics.Color)	4281219127 (0xFF2E3837)
YUV	52.8960, 1.0373, -6.0478
Hunter-Lab	19.1964, -3.5548, 0.6030

Details

The Hex color **2E3837** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **382E2F**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **5C6766**, and **000D0B** is the 20% darker color. If you saturate the color by 10%, you get **283836**, and if you desaturate by 10%, it is **343838**.

Distribution



Red (18%)

Green (22%)

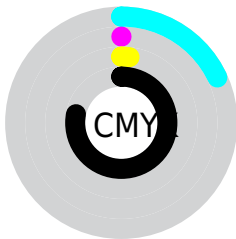
Blue (22%)



Red (18%)

Yellow (20%)

Blue (22%)



Cyan (18%)

Magenta (0%)

Yellow (2%)

Black (78%)



Cyan (82%)

Magenta (78%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E3837 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 2E3837 by changing the saturation by 10% instead.

■ 2E3837

■ 2E3837

FFFFFF

■ 192322

■ 5C6766

■ 000D0B

■ 75807F

■ 000000

■ 8E9A99

■ A9B5B3

■ C4D0CF

■ E0ECEB

■ FFFFFFFF

■ 2E3837

■ 2E3837

■ 283836

■ 343838

■ 233836

■ 393838

■ 1D3835

■ 3F3839

■ 183835

■ 443839

■ 123834

■ 4A383A

■ 0C3834

■ 50383A

■ 073833

■ 55383B

■ 013833

■ 5B383B

■ 003832

■ 60383C

Harmonies

Analogous

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



303834



2E3837



2E383A

Triad

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



2E3837



38353B



3B3530

Complementary

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



2E3837



382E2F

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.



3D3432



2E3837



3B3438

Square

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



2E3837



34363C



3D3435



38362F

Rectangle

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



2E3837



2F373C



3D3435



3C3530

Sweetspot

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



2E3837



464A4A



2F382E



242626



A6A6A6



262626

Same Dimension

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



2E3837



3A4A48



2E3438



191C1C



005C53



00DBC5

Inverse Universe

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



382E2F



4A3A3C



38322E



1C191A



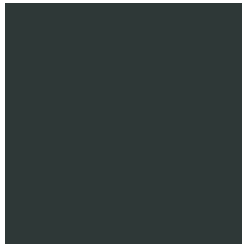
5C0009



DB0016

Previews

White Background



This preview shows how the Hex color 2E3837 looks on a white background.

Color Contrast Check

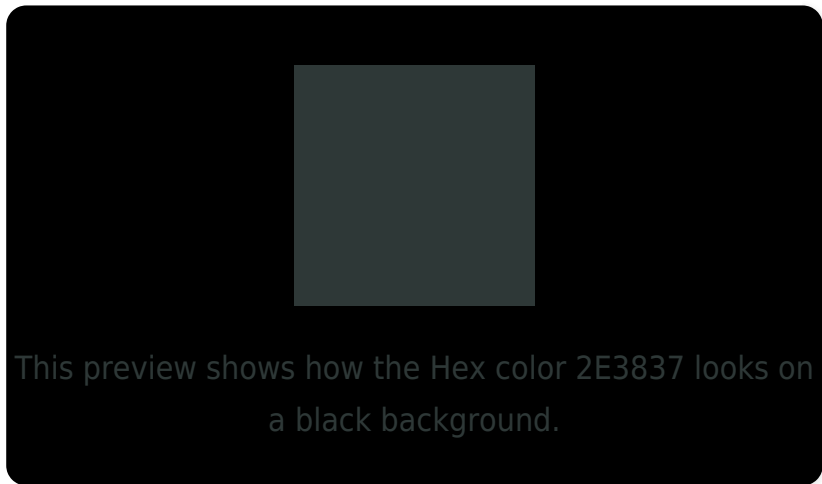
Large Text (above 18pt) WCAG AA ✓ Pass

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

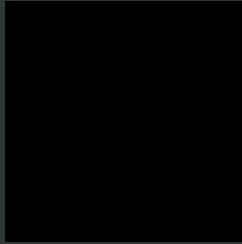
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

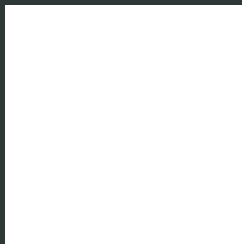
Any Text WCAG AAA × Fail

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

Hex 2E3837 Background



This preview shows how black text looks on a background with the Hex color 2E3837.

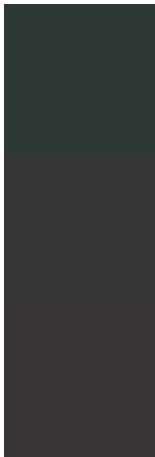


This preview shows how white text looks on a background with the Hex color 2E3837.

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
2E3837

Protanopia
373636

Deuteranopia
3A3438



Tritanopia
2F373C

Trichromacy



Original Color

2E3837

Protanomaly

343736

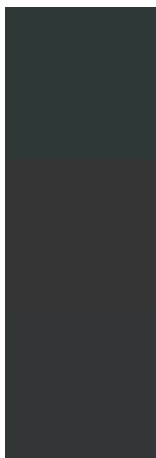
Deuteranomaly

363538

Tritanomaly

2F373A

Monochromacy



Original Color

2E3837

Achromatopsia

353535

Achromatomaly

323636

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E3837 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 #2E3837 looks like.

```
.text, #text, p{  
    color:#2E3837  
}
```

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 #2E3837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3837
}
```

Border

The CSS property to change the border of an element to Hex 2E3837 is called "border". The border property can be set on classes, ids or directly on the HTML element.

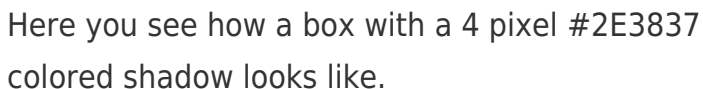
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E3837 }
```

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

```
.border{ border-color:#2E3837 }
```

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



Here you see how a box with a 4 pixel #2E3837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3837; -webkit-box-shadow:4px 4px  
4px 4px #2E3837; box-shadow:4px 4px 4px  
4px #2E3837 }
```

Background

The CSS property to change the background color of an element to Hex 2E3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3837 }
```

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

```
.background{ background-color:#2E3837 }
```

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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