

Converting Colors

Hex(2E3137)

Have a look what the booklet for
Hex(2E3137) contains.

Hex(2E3137)	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(2E3137)

Conversions

Conversions Part 1

Format	Color
Hex	2E3137
RGB	46, 49, 55
RGB Percent	18%, 19%, 22%
CMY	0.8196, 0.8078, 0.7843
CMYK	0.16, 0.11, 0.00, 0.78
HSL	220°, 9%, 20%
HSV	220°, 16%, 22%
XYZ	2.9146, 3.0533, 4.0502
YIQ	48.7870, -3.7140, 1.2300

Conversions

Conversions Part 2

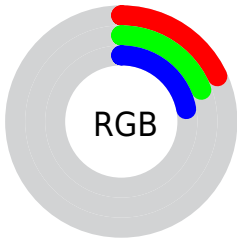
Format	Color
RYB	46, 48, 55
Decimal	3027255
CIELab	20.26, 0.22, -4.25
CIELCh	20, 4.258, 273.026
Yxy	3.0533, 0.2909, 0.3048
Android (android.graphics.Color)	4281217335 (0xFF2E3137)
YUV	48.7870, 3.0630, -2.4442
Hunter-Lab	17.4737, -0.8052, -1.5110

Details

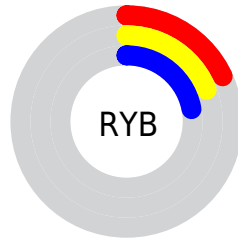
The Hex color **2E3137** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **37342E**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5C5F66**, and **00010B** is the 20% darker color. If you saturate the color by 10%, you get **292D37**, and if you desaturate by 10%, it is **343537**.

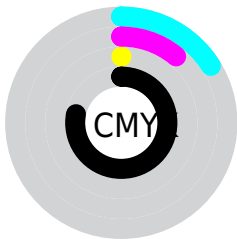
Distribution



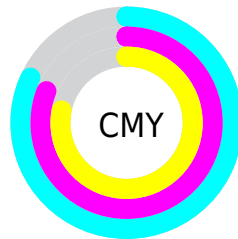
- Red (18%)
- Green (19%)
- Blue (22%)



- Red (18%)
- Yellow (19%)
- Blue (22%)



- Cyan (16%)
- Magenta (11%)
- Yellow (0%)
- Black (78%)



- Cyan (82%)
- Magenta (81%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E3137 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 2E3137 by changing the saturation by 10% instead.

■ 2E3137

■ 2E3137

FFFFFF

■ 191C22

■ 5C5F66

■ 00010B

■ 74787F

■ 000000

■ 8E9199

■ A8ACB3

■ C4C7CF

■ E0E3EB

■ FFFFFFFF

■ 2E3137

■ 2E3137

■ 292D37

■ 343537

■ 232A37

■ 393837

■ 1D2637

■ 3F3C37

■ 182237

■ 444037

■ 121F37

■ 4A4337

■ 0D1B37

■ 4F4737

■ 071737

■ 554B37

■ 021437

■ 5A4E37

■ 001237

■ 605237

Harmonies

Analogous

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



2B3236



2E3137



323036

Triad

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



2E3137



382F2E



2C322E

Complementary

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



2E3137



37342E

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.



30322C



2E3137



36302B

Square

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



2E3137



372F31



33312B



2A3331

Rectangle

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



2E3137



342F35



33312B



2D322D

Sweetspot

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



2E3137



444547



2E3734



222224



A3A3A3



242424

Same Dimension

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



2E3137



393E47



2F2E37



191A1C



001F5C



0049DB

Inverse Universe

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



372E31



47393E



36372E



1C191A



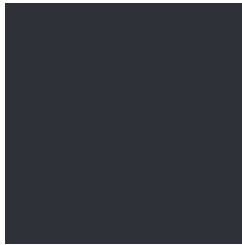
5C001F



DB0049

Previews

White Background



This preview shows how the Hex color 2E3137 looks on a white background.

Color Contrast Check

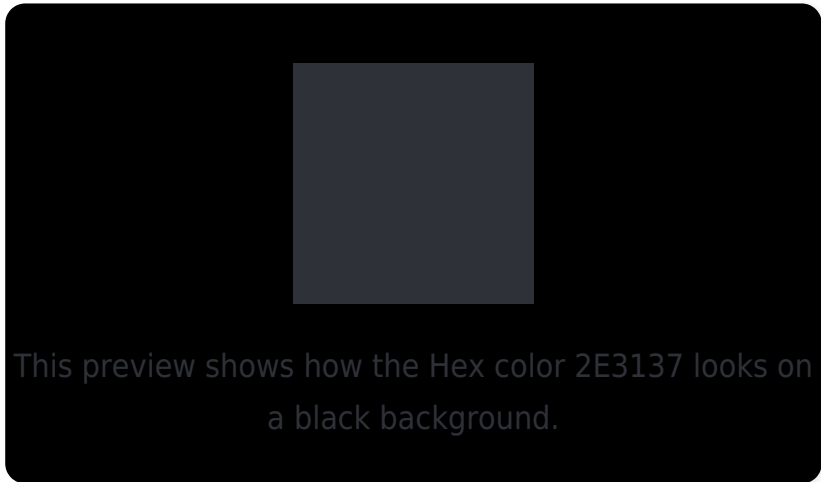
Large Text (above 18pt) WCAG AA ✓ Pass

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

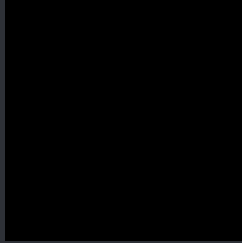
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

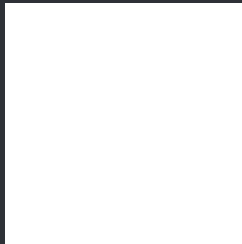
Any Text WCAG AAA × Fail

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

Hex 2E3137 Background



This preview shows how black text looks on a background with the Hex color 2E3137.

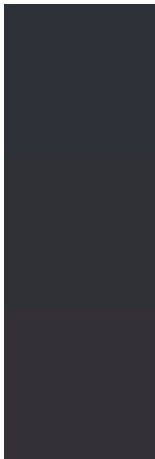


This preview shows how white text looks on a background with the Hex color 2E3137.

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
2E3137

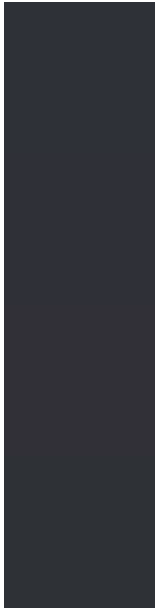
Protanopia
303037

Deuteranopia
333037



Tritanopia
2E3135

Trichromacy



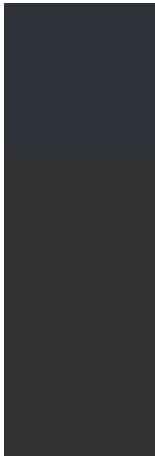
Original Color
2E3137

Protanomaly
2F3037

Deuteranomaly
313037

Tritanomaly
2E3136

Monochromacy



Original Color
2E3137

Achromatopsia
313131

Achromatomaly
303133

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E3137 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 #2E3137 looks like.

```
.text, #text, p{  
    color:#2E3137  
}
```

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 #2E3137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3137
}
```

Border

The CSS property to change the border of an element to Hex 2E3137 is called "border". The border property can be set on classes, ids or directly on the HTML element.

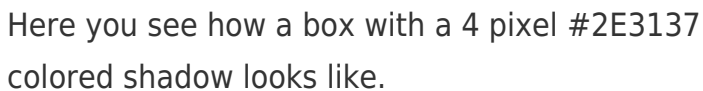
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E3137 }
```

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

```
.border{ border-color:#2E3137 }
```

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



Here you see how a box with a 4 pixel #2E3137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3137; -webkit-box-shadow:4px 4px  
4px 4px #2E3137; box-shadow:4px 4px 4px  
4px #2E3137 }
```

Background

The CSS property to change the background color of an element to Hex 2E3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3137 }
```

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

```
.background{ background-color:#2E3137 }
```

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