

# Converting Colors

Hex(2E3E3E)

Have a look what the booklet for  
Hex(2E3E3E) contains.

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# Color

Hex(2E3E3E)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E3E3E
RGB	46, 62, 62
RGB Percent	18%, 24%, 24%
CMY	0.8196, 0.7569, 0.7569
CMYK	0.26, 0.00, 0.00, 0.76
HSL	180°, 15%, 21%
HSV	180°, 26%, 24%
XYZ	3.7188, 4.3739, 5.2057
YIQ	57.2160, -9.5360, -3.3920

# Conversions

## Conversions Part 2

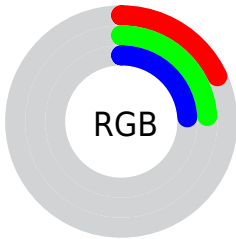
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	46, 54, 62
Decimal	3030590
CIE <sub>Lab</sub>	24.87, -6.42, -2.12
CIE <sub>LCh</sub>	25, 6.765, 198.276
Yxy	4.3739, 0.2796, 0.3289
Android (android.graphics.Color)	4281220670 (0xFF2E3E3E)
YUV	57.2160, 2.3585, -9.8364
Hunter-Lab	20.9139, -4.8589, -0.1182

# Details

The Hex color **2E3E3E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E2E2E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5C6E6D**, and **001414** is the 20% darker color. If you saturate the color by 10%, you get **283E3E**, and if you desaturate by 10%, it is **343E3E**.

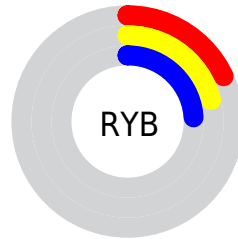
# Distribution



Red (18%)

Green (24%)

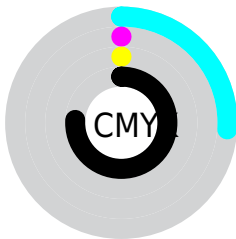
Blue (24%)



Red (18%)

Yellow (21%)

Blue (24%)

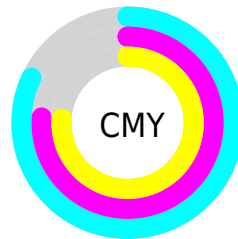


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (76%)



Cyan (82%)

Magenta (76%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E3E3E 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 2E3E3E by changing the saturation by 10% instead.





2E3E3E



2E3E3E

FFFFFF



192828



5C6E6D



001414



758787



000000



8FA1A1



A9BCBC



C5D8D8



E1F4F4



FDFFFF



2E3E3E



2E3E3E

■ 283E3E

■ 343E3E

■ 223E3E

■ 3A3E3E

■ 1B3E3E

■ 413E3E

■ 153E3E

■ 473E3E

■ 0F3E3E

■ 4D3E3E

■ 093E3E

■ 533E3E

■ 033E3E

■ 593E3E

■ 003E3E

■ 603E3E

■ 663E3E

# Harmonies

## Analogous

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



313E39



2E3E3E



2F3D42

# Triad

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



2E3E3E



403942



413A31

# Complementary

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



2E3E3E



3E2E2E

# 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.



453834



2E3E3E



44383D

# Square

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



2E3E3E



393A45



463838



3C3C31

# Rectangle

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



2E3E3E



313D44



463838



433932



# Sweetspot

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



2E3E3E



4B5252



2E3E2E



252929



A8A8A8



292929



# Same Dimension

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



2E3E3E



385252



2E363E



1C1F1F



005E5E



00DEDE



# Inverse Universe

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



3E2E3E



523852



3E362E



1F1C1F



5E005E

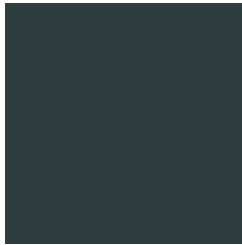


DE00DE



# Previews

## White Background



This preview shows how the Hex color 2E3E3E looks on a white background.

## Color Contrast Check

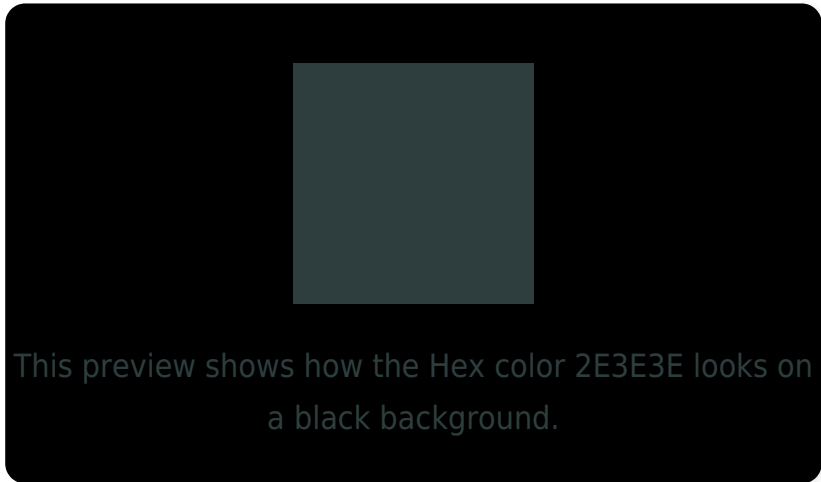
Large Text (above 18pt) WCAG AA ✓ Pass

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

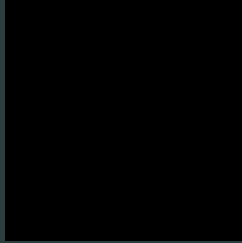
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

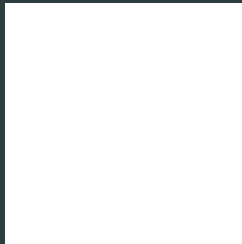
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2E3E3E Background



This preview shows how black text looks on a background with the Hex color 2E3E3E.



This preview shows how white text looks on a background with the Hex color 2E3E3E.

# 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**  
2E3E3E

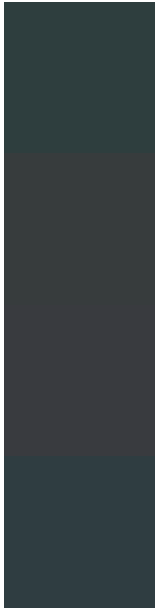
**Protanopia**  
3C3B3C

**Deuteranopia**  
3F393F



**Tritanopia**  
2F3D42

# Trichromacy



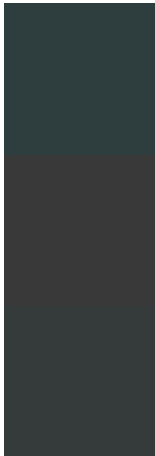
**Original Color**  
2E3E3E

**Protanomaly**  
373C3D

**Deuteranomaly**  
393B3F

**Tritanomaly**  
2F3D41

# Monochromacy



**Original Color**  
2E3E3E

**Achromatopsia**  
393939

**Achromatomaly**  
353B3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E3E3E 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 #2E3E3E looks like.

```
.text, #text, p{  
    color:#2E3E3E  
}
```

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 #2E3E3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3E3E
}
```

## Border

The CSS property to change the border of an element to Hex 2E3E3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

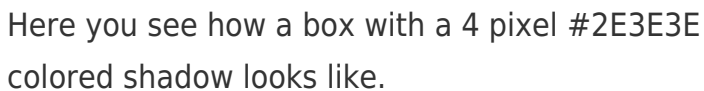
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E3E3E }
```

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

```
.border{ border-color:#2E3E3E }
```

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



Here you see how a box with a 4 pixel #2E3E3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3E3E; -webkit-box-shadow:4px 4px  
4px 4px #2E3E3E; box-shadow:4px 4px 4px  
4px #2E3E3E }
```

# Background

The CSS property to change the background color of an element to Hex 2E3E3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3E3E }
```

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

```
.background{ background-color:#2E3E3E }
```

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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