

Converting Colors

Hex(2C3E3E)

Have a look what the booklet for
Hex(2C3E3E) contains.

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Color

Hex(2C3E3E)

Conversions

Conversions Part 1

Format	Color
Hex	2C3E3E
RGB	44, 62, 62
RGB Percent	17%, 24%, 24%
CMY	0.8275, 0.7569, 0.7569
CMYK	0.29, 0.00, 0.00, 0.76
HSL	180°, 17%, 21%
HSV	180°, 29%, 24%
XYZ	3.6308, 4.3285, 5.2016
YIQ	56.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

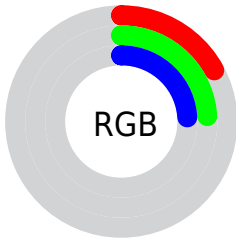
Format	Color
R_{YB}	44, 53, 62
Decimal	2899518
CIE Lab	24.73, -7.16, -2.35
CIE LCh	25, 7.537, 198.142
Yxy	4.3285, 0.2759, 0.3289
Android (android.graphics.Color)	4281089598 (0xFF2C3E3E)
YUV	56.6180, 2.6533, -11.0660
Hunter-Lab	20.8051, -5.2577, -0.2597

Details

The Hex color **2C3E3E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E2C2C**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5A6E6D**, and **001414** is the 20% darker color. If you saturate the color by 10%, you get **263E3E**, and if you desaturate by 10%, it is **323E3E**.

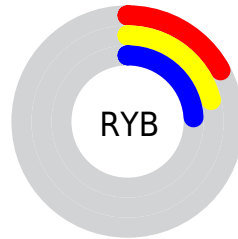
Distribution



Red (17%)

Green (24%)

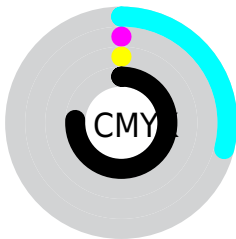
Blue (24%)



Red (17%)

Yellow (21%)

Blue (24%)

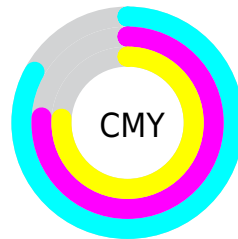


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (76%)



Cyan (83%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3E3E 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 2C3E3E by changing the saturation by 10% instead.



2C3E3E



2C3E3E

FFFFFF



172828



5A6E6D



001414



738787



000000



8DA1A1



A7BCBC



C2D8D8



DEF4F4



FBFFFF



2C3E3E



2C3E3E

■ 263E3E

■ 323E3E

■ 203E3E

■ 383E3E

■ 193E3E

■ 3F3E3E

■ 133E3E

■ 453E3E

■ 0D3E3E

■ 4B3E3E

■ 073E3E

■ 513E3E

■ 013E3E

■ 573E3E

■ 003E3E

■ 5E3E3E

■ 643E3E

Harmonies

Analogous

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



2F3E38



2C3E3E



2D3D43

Triad

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



2C3E3E



403842



413A30

Complementary

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



2C3E3E



3E2C2C

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.



453832



2C3E3E



45373D

Square

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



2C3E3E



393A45



473737



3C3B30

Rectangle

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



2C3E3E



303C45



473737



433930

Sweetspot

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



2C3E3E



4A5252



2C3E2C



242929



A8A8A8



292929

Same Dimension

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



2C3E3E



355252



2C353E



1C1F1F



005E5E



00DEDE

Inverse Universe

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



3E2C3E



523552



3E352C



1F1C1F



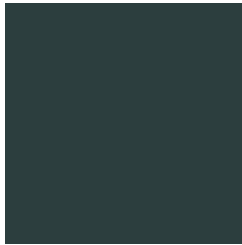
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 2C3E3E looks on a white background.

Color Contrast Check

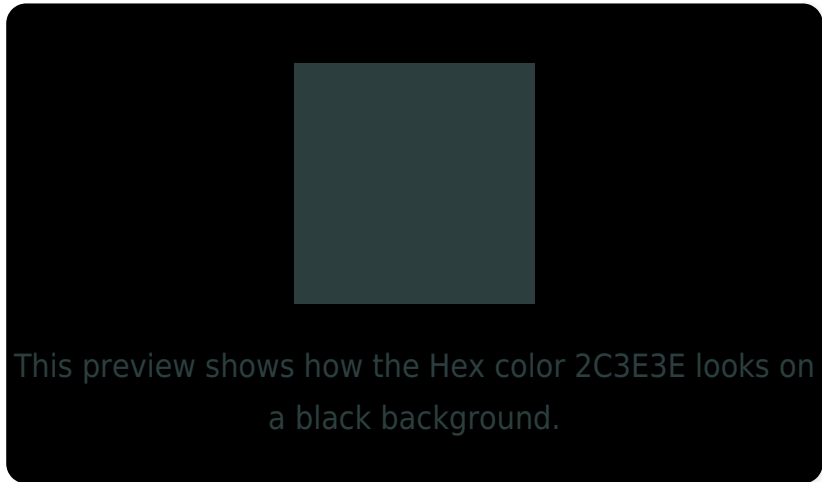
Large Text (above 18pt) WCAG AA ✓ Pass

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

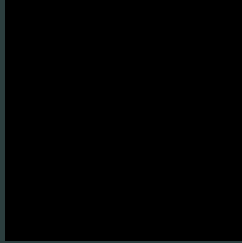
Any Text WCAG AA × Fail

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 2C3E3E Background



This preview shows how black text looks on a background with the Hex color 2C3E3E.



This preview shows how white text looks on a background with the Hex color 2C3E3E.

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
2C3E3E

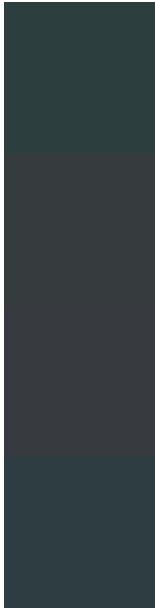
Protanopia
3B3A3C

Deuteranopia
3E393F



Tritanopia
2D3D42

Trichromacy



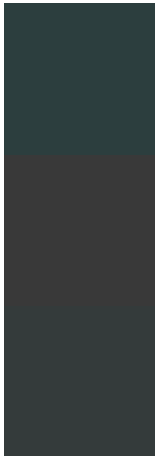
Original Color
2C3E3E

Protanomaly
363B3D

Deuteranomaly
373B3F

Tritanomaly
2D3D41

Monochromacy



Original Color
2C3E3E

Achromatopsia
393939

Achromatomaly
343B3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3E3E 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 #2C3E3E looks like.

```
.text, #text, p{  
    color:#2C3E3E  
}
```

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 #2C3E3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3E3E
}
```

Border

The CSS property to change the border of an element to Hex 2C3E3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

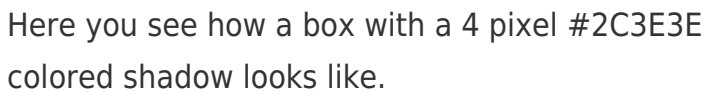
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C3E3E }
```

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

```
.border{ border-color:#2C3E3E }
```

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



Here you see how a box with a 4 pixel #2C3E3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3E3E; -webkit-box-shadow:4px 4px  
4px 4px #2C3E3E; box-shadow:4px 4px 4px  
4px #2C3E3E }
```

Background

The CSS property to change the background color of an element to Hex 2C3E3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3E3E }
```

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

```
.background{ background-color:#2C3E3E }
```

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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