

Converting Colors

Hex(2E3C3F)

Have a look what the booklet for
Hex(2E3C3F) contains.

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Color

Hex(2E3C3F)

Conversions

Conversions Part 1

Format	Color
Hex	2E3C3F
RGB	46, 60, 63
RGB Percent	18%, 24%, 25%
CMY	0.8196, 0.7647, 0.7529
CMYK	0.27, 0.05, 0.00, 0.75
HSL	191°, 16%, 21%
HSV	191°, 27%, 25%
XYZ	3.6398, 4.1714, 5.3160
YIQ	56.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

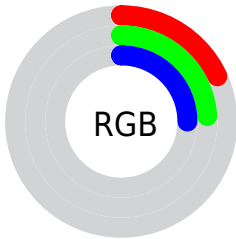
Format	Color
RYB	46, 54, 63
Decimal	3030079
CIELab	24.23, -4.87, -3.74
CIELCh	24, 6.141, 217.461
Yxy	4.1714, 0.2773, 0.3178
Android (android.graphics.Color)	4281220159 (0xFF2E3C3F)
YUV	56.1560, 3.3741, -8.9068
Hunter-Lab	20.4241, -3.9317, -1.1350

Details

The Hex color **2E3C3F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3F312E**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5C6B6F**, and **001215** is the 20% darker color. If you saturate the color by 10%, you get **283B3F**, and if you desaturate by 10%, it is **343D3F**.

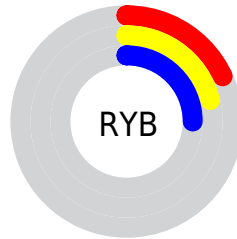
Distribution



Red (18%)

Green (24%)

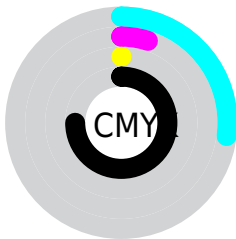
Blue (25%)



Red (18%)

Yellow (21%)

Blue (25%)

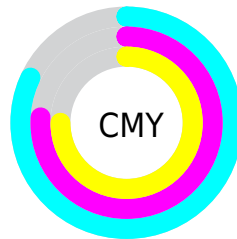


Cyan (27%)

Magenta (5%)

Yellow (0%)

Black (75%)



Cyan (82%)

Magenta (76%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E3C3F 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 2E3C3F by changing the saturation by 10% instead.

■ 2E3C3F

■ 2E3C3F

FFFFFF

■ 192629

■ 5C6B6F

■ 001215

■ 758488

■ 000000

■ 8F9FA2

■ A9BABD

■ C5D5D9

■ E1F2F5

■ FDFFFF

■ 2E3C3F

■ 2E3C3F

■ 283B3F

■ 343D3F

■ 213A3F

■ 3B3E3F

■ 1B393F

■ 413F3F

■ 15383F

■ 47403F

■ 0E363F

■ 4E423F

■ 08353F

■ 54433F

■ 02343F

■ 5A443F

■ 00343F

■ 60453F

■ 67463F

Harmonies

Analogous

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



2E3C3B



2E3C3F



313B42

Triad

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



2E3C3F



41373D



3C3A30

Complementary

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



2E3C3F



3F312E

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.



413831



2E3C3F



433639

Square

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



2E3C3F



3C3841



433734



373B32

Rectangle

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



2E3C3F



343A43



433734



3E3930

Sweetspot

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



2E3C3F



4B5052



2E3F31



252829



A8A8A8



292929

Same Dimension

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



2E3C3F



374D52



2E343F



1C1E1F



004E5E



00B7DE

Inverse Universe

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



3F2E3C



52374D



3F392E



1F1C1E



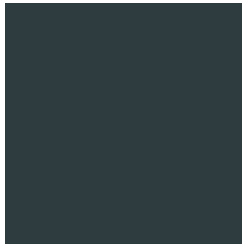
5E004E



DE00B7

Previews

White Background



This preview shows how the Hex color 2E3C3F looks on a white background.

Color Contrast Check

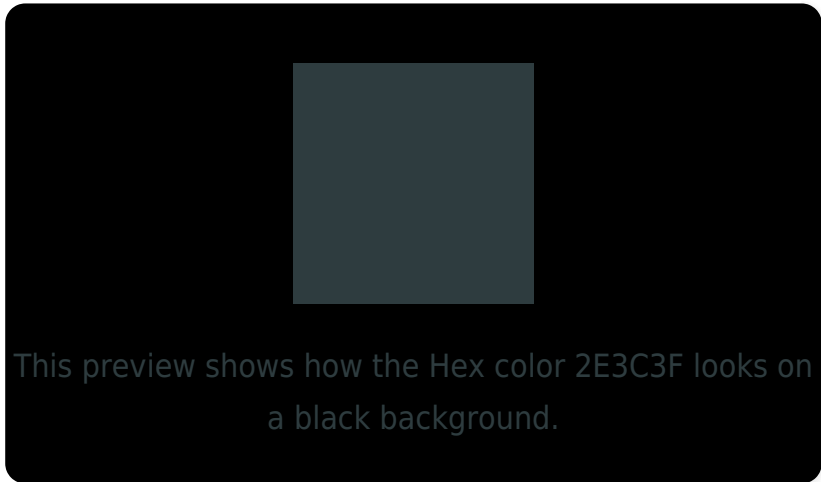
Large Text (above 18pt) WCAG AA ✓ Pass

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

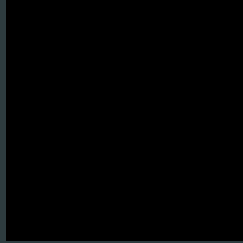
Any Text WCAG AA × Fail

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 2E3C3F Background



This preview shows how black text looks on a background with the Hex color 2E3C3F.



This preview shows how white text looks on a background with the Hex color 2E3C3F.

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
2E3C3F

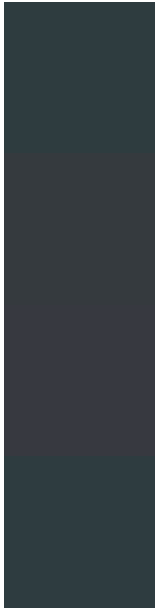
Protanopia
39393D

Deuteranopia
3C3840



Tritanopia
2E3C41

Trichromacy



Original Color
2E3C3F

Protanomaly
353A3E

Deuteranomaly
373940

Tritanomaly
2E3C40

Monochromacy



Original Color
2E3C3F

Achromatopsia
383838

Achromatomaly
34393B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E3C3F 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 #2E3C3F looks like.

```
.text, #text, p{  
    color:#2E3C3F  
}
```

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 #2E3C3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3C3F
}
```

Border

The CSS property to change the border of an element to Hex 2E3C3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

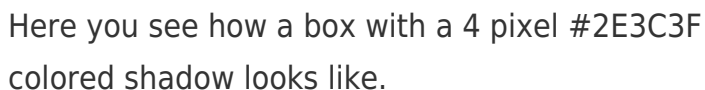
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E3C3F }
```

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

```
.border{ border-color:#2E3C3F }
```

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



Here you see how a box with a 4 pixel #2E3C3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3C3F; -webkit-box-shadow:4px 4px  
4px 4px #2E3C3F; box-shadow:4px 4px 4px  
4px #2E3C3F }
```

Background

The CSS property to change the background color of an element to Hex 2E3C3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3C3F }
```

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

```
.background{ background-color:#2E3C3F }
```

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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