

Converting Colors

Hex(2E3F46)

Have a look what the booklet for
Hex(2E3F46) contains.

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Color

Hex(2E3F46)

Conversions

Conversions Part 1

Format	Color
Hex	2E3F46
RGB	46, 63, 70
RGB Percent	18%, 25%, 27%
CMY	0.8196, 0.7529, 0.7255
CMYK	0.34, 0.10, 0.00, 0.73
HSL	198°, 21%, 23%
HSV	198°, 34%, 27%
XYZ	4.0097, 4.5781, 6.4667
YIQ	58.7150, -12.3790, -1.4270

Conversions

Conversions Part 2

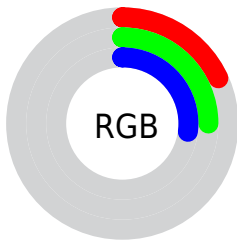
Format	Color
RYB	46, 56, 70
Decimal	3030854
CIELab	25.50, -4.81, -6.48
CIElCh	25, 8.073, 233.442
Yxy	4.5781, 0.2663, 0.3041
Android (android.graphics.Color)	4281220934 (0xFF2E3F46)
YUV	58.7150, 5.5635, -11.1511
Hunter-Lab	21.3964, -3.9925, -2.9419

Details

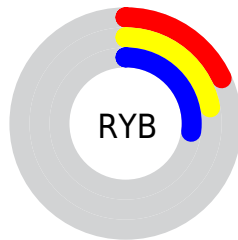
The Hex color **2E3F46** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46352E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5D6F76**, and **00151B** is the 20% darker color. If you saturate the color by 10%, you get **273D46**, and if you desaturate by 10%, it is **354146**.

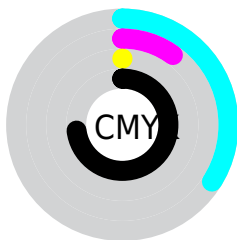
Distribution



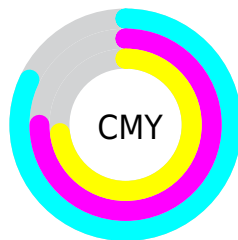
- Red (18%)
- Green (25%)
- Blue (27%)



- Red (18%)
- Yellow (22%)
- Blue (27%)



- Cyan (34%)
- Magenta (10%)
- Yellow (0%)
- Black (73%)



- Cyan (82%)
- Magenta (75%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E3F46 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 2E3F46 by changing the saturation by 10% instead.



2E3F46



2E3F46

FFFFFF



182930



5D6F76



00151B



768890



000000



8FA2AA



AABDC6



C5D9E2



E1F5FE



FEFFFF



2E3F46



2E3F46

■ 273D46

■ 354146

■ 203B46

■ 3C4346

■ 193946

■ 434546

■ 123746

■ 4A4746

■ 0B3546

■ 514946

■ 043346

■ 584B46

■ 003246

■ 5F4D46

■ 664F46

■ 6D5146

Harmonies

Analogous

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



2C4041



2E3F46



343D48

Triad

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



2E3F46



48383E



3C3E31

Complementary

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



2E3F46



46352E

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.



433C30



2E3F46



493838

Square

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



2E3F46



433944



473A33



353F35

Rectangle

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



2E3F46



393C48



473A33



3E3D31

Sweetspot

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



2E3F46



53595C



2E4635



282C2E



ADADAD



2E2E2E

Same Dimension

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



2E3F46



36515C



2E3346



202324



004663



00A1E3

Inverse Universe

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



462E3F



5C3651



46412E



242023



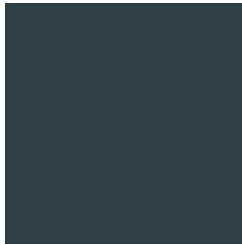
630046



E300A1

Previews

White Background



This preview shows how the Hex color 2E3F46 looks on a white background.

Color Contrast Check

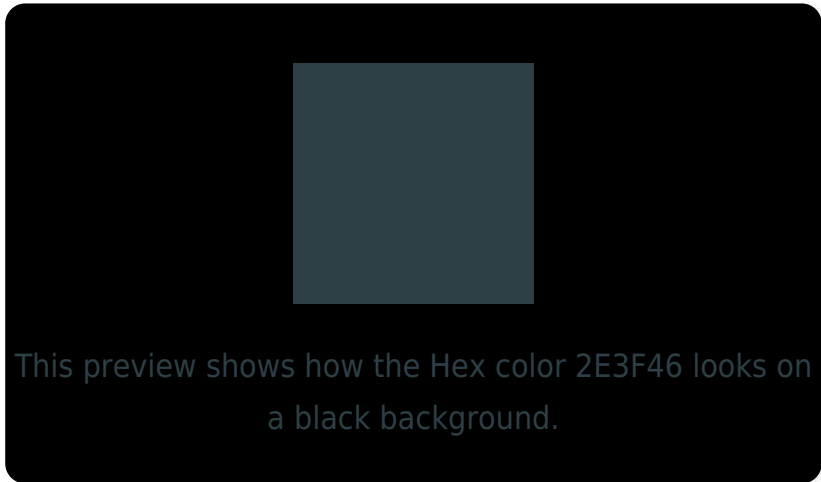
Large Text (above 18pt) WCAG AA ✓ Pass

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

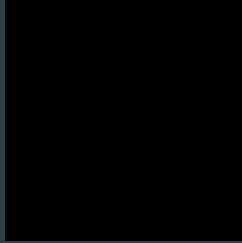
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

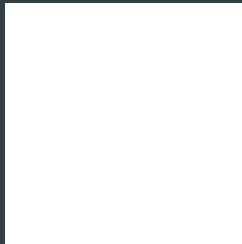
Any Text WCAG AAA × Fail

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

Hex 2E3F46 Background



This preview shows how black text looks on a background with the Hex color 2E3F46.



This preview shows how white text looks on a background with the Hex color 2E3F46.

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
2E3F46

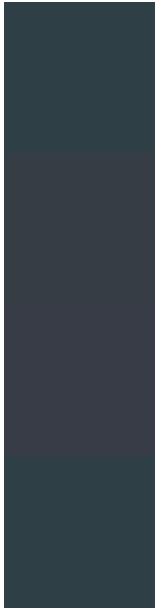
Protanopia
3B3C44

Deuteranopia
3D3B47



Tritanopia
2E3F44

Trichromacy



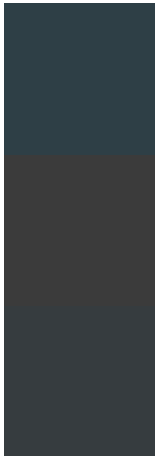
Original Color
2E3F46

Protanomaly
363D45

Deuteranomaly
383C47

Tritanomaly
2E3F45

Monochromacy



Original Color
2E3F46

Achromatopsia
3B3B3B

Achromatomaly
363C3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E3F46 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 #2E3F46 looks like.

```
.text, #text, p{  
    color:#2E3F46  
}
```

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 #2E3F46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3F46
}
```

Border

The CSS property to change the border of an element to Hex 2E3F46 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
#2E3F46 }
```

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

```
.border{ border-color:#2E3F46 }
```

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

Here you see how a box with a 4 pixel #2E3F46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3F46; -webkit-box-shadow:4px 4px  
4px 4px #2E3F46; box-shadow:4px 4px 4px  
4px #2E3F46 }
```

Background

The CSS property to change the background color of an element to Hex 2E3F46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3F46 }
```

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

```
.background{ background-color:#2E3F46 }
```

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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