

Converting Colors

Hex(2E3E49)

Have a look what the booklet for
Hex(2E3E49) contains.

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Color

Hex(2E3E49)

Conversions

Conversions Part 1

Format	Color
Hex	2E3E49
RGB	46, 62, 73
RGB Percent	18%, 24%, 29%
CMY	0.8196, 0.7569, 0.7137
CMYK	0.37, 0.15, 0.00, 0.71
HSL	204°, 23%, 23%
HSV	204°, 37%, 29%
XYZ	4.0519, 4.5071, 6.9597
YIQ	58.4700, -13.0670, 0.0290

Conversions

Conversions Part 2

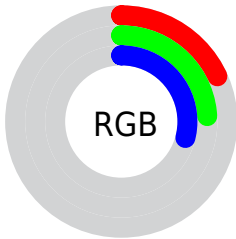
Format	Color
R_{YB}	46, 56, 73
Decimal	3030601
CIE Lab	25.28, -3.27, -8.79
CIE LCh	25, 9.380, 249.589
Yxy	4.5071, 0.2611, 0.2904
Android (android.graphics.Color)	4281220681 (0xFF2E3E49)
YUV	58.4700, 7.1633, -10.9362
Hunter-Lab	21.2300, -3.0842, -4.5758

Details

The Hex color **2E3E49** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49392E**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5D6D7A**, and **00141D** is the 20% darker color. If you saturate the color by 10%, you get **273B49**, and if you desaturate by 10%, it is **354149**.

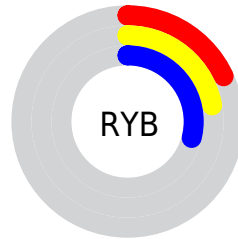
Distribution



Red (18%)

Green (24%)

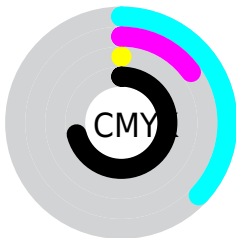
Blue (29%)



Red (18%)

Yellow (22%)

Blue (29%)

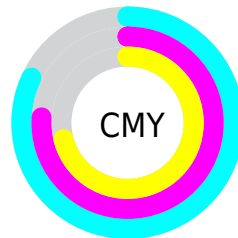


Cyan (37%)

Magenta (15%)

Yellow (0%)

Black (71%)



Cyan (82%)

Magenta (76%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E3E49 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 2E3E49 by changing the saturation by 10% instead.

■ 2E3E49

■ 2E3E49

FFFFFF

■ 182832

■ 5D6D7A

■ 00141D

■ 768793

■ 000002

■ 90A1AE

■ 000000

■ AABCC9

■ C6D8E5

■ E2F4FF

■ 2E3E49

■ 2E3E49

■ 273B49

■ 354149

■ 1F3849

■ 3D4449

■ 183549

■ 444749

■ 113249

■ 4B4A49

■ 092F49

■ 534D49

■ 022C49

■ 5A5049

■ 002B49

■ 615349

■ 685649

■ 705949

Harmonies

Analogous

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



294045



2E3E49



373C4A

Triad

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



2E3E49



4B373A



373E31

Complementary

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



2E3E49



49392E

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.



3F3C2E



2E3E49



4A3833

Square

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



2E3E49



473841



463A2F



2F4037

Rectangle

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



2E3E49



3D3A48



463A2F



3A3E30

Sweetspot

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



2E3E49



545A5E



2E4939



2A2E30



B0B0B0



303030

Same Dimension

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



2E3E49



354D5E



2E3149



202224



003B63



0086E3

Inverse Universe

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



492E3E



5E354D



49462E



242022



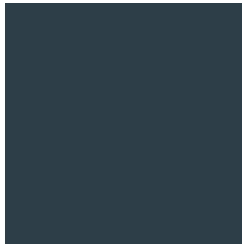
63003B



E30086

Previews

White Background



This preview shows how the Hex color 2E3E49 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

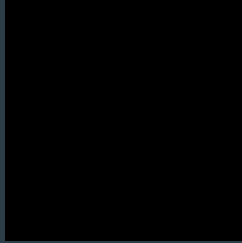
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

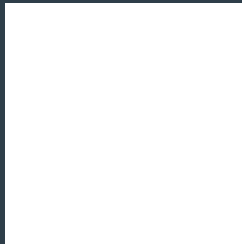
Any Text WCAG AAA × Fail

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

Hex 2E3E49 Background



This preview shows how black text looks on a background with the Hex color 2E3E49.



This preview shows how white text looks on a background with the Hex color 2E3E49.

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
2E3E49

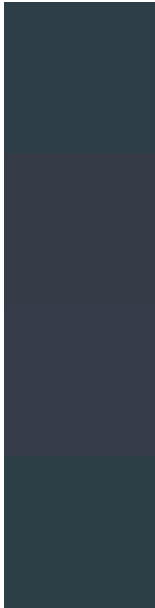
Protanopia
393B47

Deuteranopia
3B3B4A



Tritanopia
2D3F44

Trichromacy



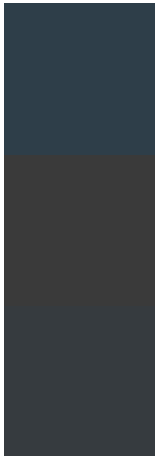
Original Color
2E3E49

Protanomaly
353C48

Deuteranomaly
363C4A

Tritanomaly
2D3F46

Monochromacy



Original Color
2E3E49

Achromatopsia
3A3A3A

Achromatomaly
363B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E3E49 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 #2E3E49 looks like.

```
.text, #text, p{  
    color:#2E3E49  
}
```

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 #2E3E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3E49
}
```

Border

The CSS property to change the border of an element to Hex 2E3E49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

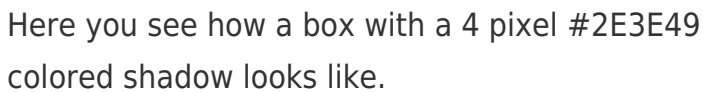
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E3E49 }
```

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

```
.border{ border-color:#2E3E49 }
```

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



Here you see how a box with a 4 pixel #2E3E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3E49; -webkit-box-shadow:4px 4px  
4px 4px #2E3E49; box-shadow:4px 4px 4px  
4px #2E3E49 }
```

Background

The CSS property to change the background color of an element to Hex 2E3E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3E49 }
```

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

```
.background{ background-color:#2E3E49 }
```

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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