

Converting Colors

Hex(2E3742)

Have a look what the booklet for
Hex(2E3742) contains.

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Color

Hex(2E3742)

Conversions

Conversions Part 1

Format	Color
Hex	2E3742
RGB	46, 55, 66
RGB Percent	18%, 22%, 26%
CMY	0.8196, 0.7843, 0.7412
CMYK	0.30, 0.17, 0.00, 0.74
HSL	213°, 18%, 22%
HSV	213°, 30%, 26%
XYZ	3.4763, 3.7066, 5.6865
YIQ	53.5630, -8.8950, 1.5130

Conversions

Conversions Part 2

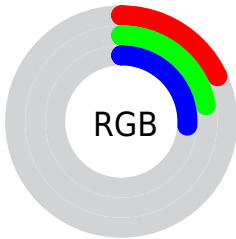
Format	Color
R_{YB}	46, 52, 66
Decimal	3028802
CIE _{Lab}	22.68, -0.74, -8.07
CIE _{LCh}	23, 8.108, 264.763
Yxy	3.7066, 0.2701, 0.2880
Android (android.graphics.Color)	4281218882 (0xFF2E3742)
YUV	53.5630, 6.1314, -6.6328
Hunter-Lab	19.2524, -1.4614, -4.0354

Details

The Hex color **2E3742** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42392E**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5C6672**, and **000B18** is the 20% darker color. If you saturate the color by 10%, you get **273342**, and if you desaturate by 10%, it is **353B42**.

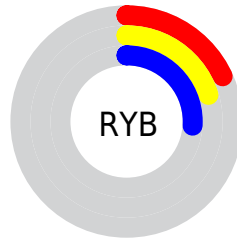
Distribution



Red (18%)

Green (22%)

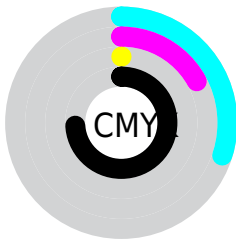
Blue (26%)



Red (18%)

Yellow (20%)

Blue (26%)

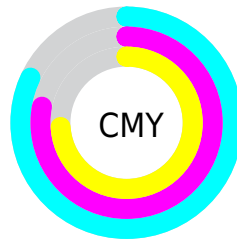


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (74%)



Cyan (82%)

Magenta (78%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E3742 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 2E3742 by changing the saturation by 10% instead.

■ 2E3742

■ 2E3742

FFFFFF

■ 19222C

■ 5C6672

■ 000B18

■ 757F8B

■ 000000

■ 8F99A6

■ A9B3C1

■ C5CFDD

■ E1EBF9

■ FDFFFF

■ 2E3742

■ 2E3742

■ 273342

■ 353B42

■ 213042

■ 3B3E42

■ 1A2C42

■ 424242

■ 142842

■ 484642

■ 0D2542

■ 4F4942

■ 062142

■ 564D42

■ 001E42

■ 5C5042

■ 635442

■ 695842

Harmonies

Analogous

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



283940



2E3742



363541

Triad

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



2E3742



433231



2F392F

Complementary

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



2E3742



42392E

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.



35372B



2E3742



41332D

Square

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



2E3742



423237



3C352A



293A35

Rectangle

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



2E3742



3B343F



3C352A



31382D

Sweetspot

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



2E3742



4F5257



2E4239



27292B



ABABAB



2B2B2B

Same Dimension

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



2E3742



374657



2F2E42



1E1F21



002C61



0065E0

Inverse Universe

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



422E37



573746



41422E



211E1F



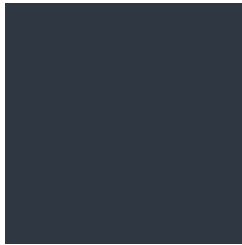
61002C



E00065

Previews

White Background



This preview shows how the Hex color 2E3742 looks on a white background.

Color Contrast Check

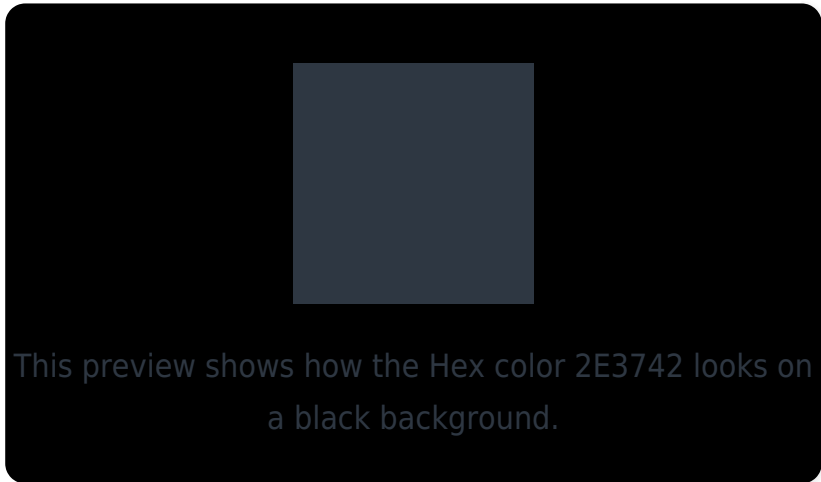
Large Text (above 18pt) WCAG AA ✓ Pass

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

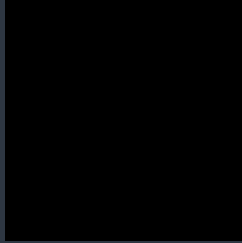
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

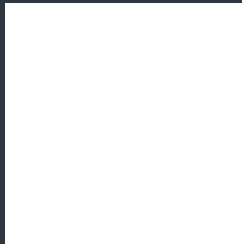
Any Text WCAG AAA × Fail

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

Hex 2E3742 Background



This preview shows how black text looks on a background with the Hex color 2E3742.

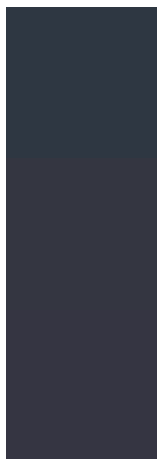


This preview shows how white text looks on a background with the Hex color 2E3742.

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

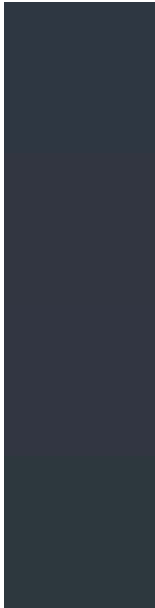


Original Color
2E3742

Protanopia
343641

Deuteranopia
353542

Trichromacy



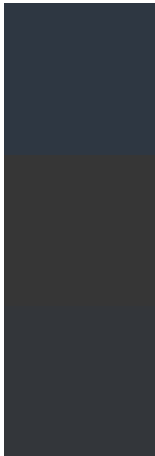
Original Color
2E3742

Protanomaly
323641

Deuteranomaly
323642

Tritanomaly
2D383E

Monochromacy



Original Color
2E3742

Achromatopsia
363636

Achromatomaly
33363A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E3742 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 #2E3742 looks like.

```
.text, #text, p{  
    color:#2E3742  
}
```

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 #2E3742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3742
}
```

Border

The CSS property to change the border of an element to Hex 2E3742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

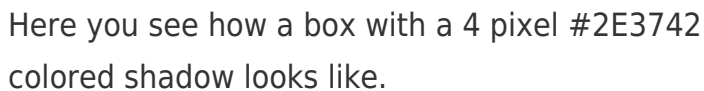
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E3742 }
```

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

```
.border{ border-color:#2E3742 }
```

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



Here you see how a box with a 4 pixel #2E3742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3742; -webkit-box-shadow:4px 4px  
4px 4px #2E3742; box-shadow:4px 4px 4px  
4px #2E3742 }
```

Background

The CSS property to change the background color of an element to Hex 2E3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3742 }
```

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

```
.background{ background-color:#2E3742 }
```

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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