

Converting Colors

Hex(2E3751)

Have a look what the booklet for
Hex(2E3751) contains.

Hex(2E3751)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E3751)

Conversions

Conversions Part 1

Format	Color
Hex	2E3751
RGB	46, 55, 81
RGB Percent	18%, 22%, 32%
CMY	0.8196, 0.7843, 0.6824
CMYK	0.43, 0.32, 0.00, 0.68
HSL	225°, 28%, 25%
HSV	225°, 43%, 32%
XYZ	3.9781, 3.9073, 8.3291
YIQ	55.2730, -13.7100, 6.1780

Conversions

Conversions Part 2

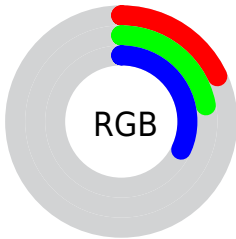
Format	Color
RYB	46, 53, 81
Decimal	3028817
CIELab	23.36, 3.93, -17.03
CIElCh	23, 17.482, 283.003
Yxy	3.9073, 0.2453, 0.2410
Android (android.graphics.Color)	4281218897 (0xFF2E3751)
YUV	55.2730, 12.6834, -8.1324
Hunter-Lab	19.7669, 1.3312, -11.1460

Details

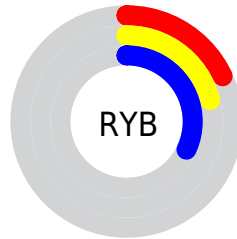
The Hex color **2E3751** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **51482E**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5D6682**, and **010B24** is the 20% darker color. If you saturate the color by 10%, you get **263151**, and if you desaturate by 10%, it is **363D51**.

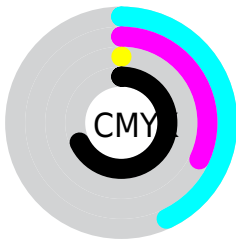
Distribution



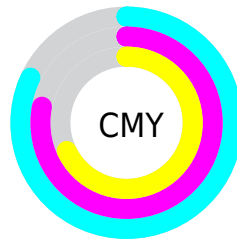
- Red (18%)
- Green (22%)
- Blue (32%)



- Red (18%)
- Yellow (21%)
- Blue (32%)



- Cyan (43%)
- Magenta (32%)
- Yellow (0%)
- Black (68%)



- Cyan (82%)
- Magenta (78%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E3751 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 2E3751 by changing the saturation by 10% instead.

■ 2E3751

■ 2E3751

FFFFFF

■ 17223A

■ 5D6682

■ 010B24

■ 777F9D

■ 00010D

■ 9198B7

■ 000000

■ ABB3D3

■ C7CFEF

■ E3EBFF

■ 2E3751

■ 2E3751

■ 263151

■ 363D51

■ 1E2B51

■ 3E4351

■ 162551

■ 464951

■ 0E1F51

■ 4E4F51

■ 061951

■ 575551

■ 001551

■ 5F5B51

■ 676151

■ 6F6751

■ 776D51

Harmonies

Analogous

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



173B50



2E3751



40324B

Triad

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



2E3751



4F3026



1C3E30

Complementary

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



2E3751



51482E

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.



2C3C24



2E3751



47341F

Square

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



2E3751



512E32



3B391E



083F3D

Rectangle

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



2E3751



492F44



3B391E



213E2B

Sweetspot

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



2E3751



5B5E69



2E5148



2D2F36



B5B5B5



363636

Same Dimension

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



2E3751



324069



362E51



252629



001B69



003CE8

Inverse Universe

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



512E37



693240



49512E



292526



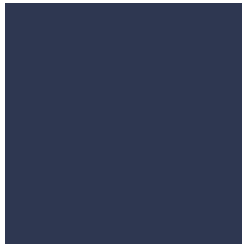
69001B



E8003C

Previews

White Background



This preview shows how the Hex color 2E3751 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

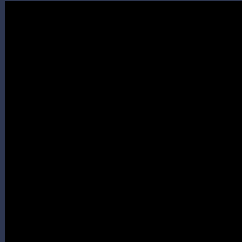
Any Text WCAG AA × Fail

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 2E3751 Background



This preview shows how black text looks on a background with the Hex color 2E3751.



This preview shows how white text looks on a background with the Hex color 2E3751.

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
2E3751

Protanopia
2F3751

Deuteranopia
2D3751



Tritanopia
293A3F

Trichromacy



Original Color
2E3751

Protanomaly
2F3751

Deuteranomaly
2D3751

Tritanomaly
2B3946

Monochromacy



Original Color
2E3751

Achromatopsia
373737

Achromatomaly
343740

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E3751 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 #2E3751 looks like.

```
.text, #text, p{  
    color:#2E3751  
}
```

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 #2E3751 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3751
}
```

Border

The CSS property to change the border of an element to Hex 2E3751 is called "border". The border property can be set on classes, ids or directly on the HTML element.

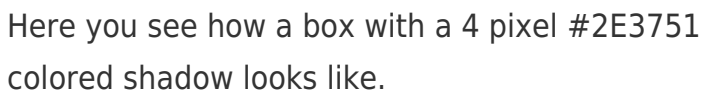
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E3751 }
```

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

```
.border{ border-color:#2E3751 }
```

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



Here you see how a box with a 4 pixel #2E3751 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3751; -webkit-box-shadow:4px 4px  
4px 4px #2E3751; box-shadow:4px 4px 4px  
4px #2E3751 }
```

Background

The CSS property to change the background color of an element to Hex 2E3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3751 }
```

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

```
.background{ background-color:#2E3751 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor