

Converting Colors

Hex(2E3E55)

Have a look what the booklet for
Hex(2E3E55) contains.

Hex(2E3E55)	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(2E3E55)

Conversions

Conversions Part 1

Format	Color
Hex	2E3E55
RGB	46, 62, 85
RGB Percent	18%, 24%, 33%
CMY	0.8196, 0.7569, 0.6667
CMYK	0.46, 0.27, 0.00, 0.67
HSL	215°, 30%, 26%
HSV	215°, 46%, 33%
XYZ	4.4890, 4.6820, 9.2614
YIQ	59.8380, -16.9190, 3.7610

Conversions

Conversions Part 2

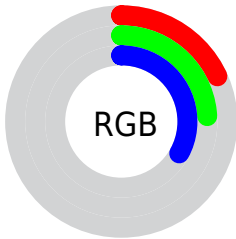
Format	Color
R_{YB}	46, 57, 85
Decimal	3030613
CIE Lab	25.81, 0.52, -15.87
CIE LCh	26, 15.881, 271.892
Yxy	4.6820, 0.2435, 0.2540
Android (android.graphics.Color)	4281220693 (0xFF2E3E55)
YUV	59.8380, 12.4049, -12.1359
Hunter-Lab	21.6379, -0.8343, -10.2308

Details

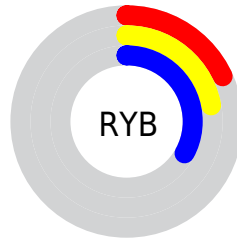
The Hex color **2E3E55** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **55452E**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5E6D87**, and **001428** is the 20% darker color. If you saturate the color by 10%, you get **253955**, and if you desaturate by 10%, it is **364355**.

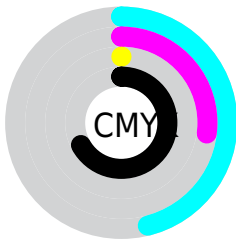
Distribution



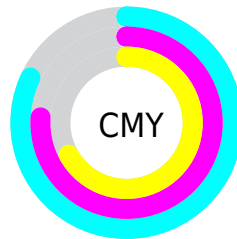
- Red (18%)
- Green (24%)
- Blue (33%)



- Red (18%)
- Yellow (22%)
- Blue (33%)



- Cyan (46%)
- Magenta (27%)
- Yellow (0%)
- Black (67%)



- Cyan (82%)
- Magenta (76%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E3E55 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 2E3E55 by changing the saturation by 10% instead.

■ 2E3E55

■ 2E3E55

FFFFFF

■ 17283E

■ 5E6D87

■ 001428

■ 7787A1

■ 000113

■ 91A1BC

■ 000000

■ ACBCD8

■ C8D7F4

■ E4F4FF

■ 2E3E55

■ 2E3E55

■ 253955

■ 364355

■ 1D3455

■ 3F4855

■ 142F55

■ 474D55

■ 0C2A55

■ 505255

■ 042555

■ 585755

■ 002355

■ 615C55

■ 696155

■ 726655

■ 7A6B55

Harmonies

Analogous

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



1C4152



2E3E55



403A52

Triad

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



2E3E55



543531



2A4331

Complementary

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



2E3E55



55452E

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.



384028



2E3E55



4F3828

Square

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



2E3E55



54343D



453D25



1C443D

Rectangle

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



2E3E55



49374C



453D25



2F422E

Sweetspot

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



2E3E55



5E656E



2E5545



2F3238



B8B8B8



383838

Same Dimension

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



2E3E55



314A6E



312E55



27292B



002C6B



0060EB

Inverse Universe

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



552E3E



6E314A



52552E



2B2729



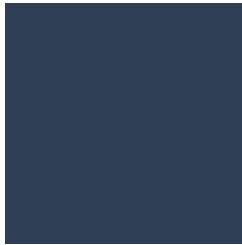
6B002C



EB0060

Previews

White Background



This preview shows how the Hex color 2E3E55 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

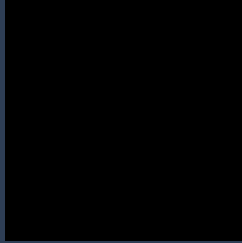
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

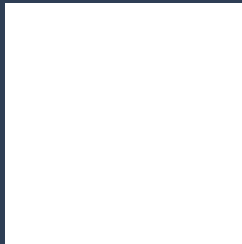
Any Text WCAG AAA × Fail

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

Hex 2E3E55 Background



This preview shows how black text looks on a background with the Hex color 2E3E55.



This preview shows how white text looks on a background with the Hex color 2E3E55.

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](#).

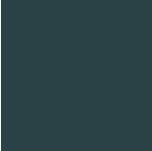
Dichromacy



Original Color
2E3E55

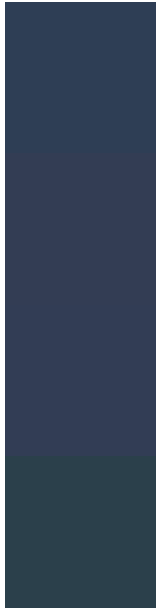
Protanopia
363C54

Deuteranopia
353C55



Tritanopia
2A4146

Trichromacy



Original Color
2E3E55

Protanomaly
333D54

Deuteranomaly
323D55

Tritanomaly
2B404B

Monochromacy



Original Color
2E3E55

Achromatopsia
3C3C3C

Achromatomaly
373D45

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E3E55 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 #2E3E55 looks like.

```
.text, #text, p{  
    color:#2E3E55  
}
```

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 #2E3E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3E55
}
```

Border

The CSS property to change the border of an element to Hex 2E3E55 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
#2E3E55 }
```

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

```
.border{ border-color:#2E3E55 }
```

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

Here you see how a box with a 4 pixel #2E3E55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3E55; -webkit-box-shadow:4px 4px  
4px 4px #2E3E55; box-shadow:4px 4px 4px  
4px #2E3E55 }
```

Background

The CSS property to change the background color of an element to Hex 2E3E55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3E55 }
```

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

```
.background{ background-color:#2E3E55 }
```

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