

Converting Colors

Hex(2E555F)

Have a look what the booklet for
Hex(2E555F) contains.

Hex(2E555F)	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(2E555F)

Conversions

Conversions Part 1

Format	Color
Hex	2E555F
RGB	46, 85, 95
RGB Percent	18%, 33%, 37%
CMY	0.8196, 0.6667, 0.6275
CMYK	0.52, 0.11, 0.00, 0.63
HSL	192°, 35%, 28%
HSV	192°, 52%, 37%
XYZ	6.4408, 7.9041, 12.0126
YIQ	74.4790, -26.4540, -5.1580

Conversions

Conversions Part 2

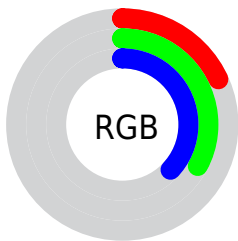
Format	Color
RYB	46, 68, 95
Decimal	3036511
CIELab	33.78, -10.73, -10.09
CIElCh	34, 14.732, 223.237
Yxy	7.9041, 0.2444, 0.2999
Android (android.graphics.Color)	4281226591 (0xFF2E555F)
YUV	74.4790, 10.1169, -24.9761
Hunter-Lab	28.1142, -8.3066, -5.6536




Details

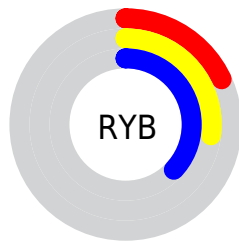
The Hex color **2E555F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F382E**, and the grayscale version is **4A4A4A**.




A 20% lighter version of the original color is **608791**, and **002831** is the 20% darker color. If you saturate the color by 10%, you get **25535F**, and if you desaturate by 10%, it is **38575F**.

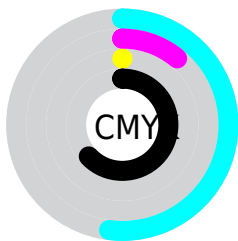
Distribution







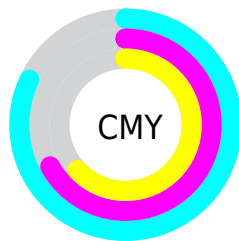
-  Red (18%)
-  Green (33%)
-  Blue (37%)






-  Red (18%)
-  Yellow (27%)
-  Blue (37%)



-  Cyan (52%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (82%)
-  Magenta (67%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E555F 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 2E555F by changing the saturation by 10% instead.

■ 2E555F

■ 2E555F

FFFFFF

■ 153E47

■ 608791

■ 002831

■ 79A1AC

■ 00141C

■ 94BCC7

■ 000000

■ AFD8E3

■ CBF4FF

■ E7FFFF

■ 2E555F

■ 2E555F

■ 25535F

■ 38575F

■ 1B515F

■ 41595F

■ 124F5F

■ 4B5B5F

■ 084D5F

■ 545D5F

■ 004C5F

■ 5E5F5F

■ 67615F

■ 71635F

■ 7A655F

■ 84665F

Harmonies

Analogous

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



2F5654



2E555F



385265

Triad

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



2E555F



634856



535039

Complementary

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



2E555F



5F382E

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.



5E4C39



2E555F



67474B

Square

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



2E555F



584B60



654940



46543E

Rectangle

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



2E555F



435067



654940



574F38

Sweetspot

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



2E555F



68777A



2E5F38



323B3D



BDBDBD



3D3D3D

Same Dimension

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



2E555F



2F6B7A



2E3D5F



2C2F30



005970



00BFF0

Inverse Universe

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



5F2E55



7A2F6B



5F502E



302C2F



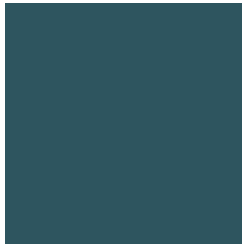
700059



F000BF

Previews

White Background



This preview shows how the Hex color 2E555F looks on a white background.

Color Contrast Check

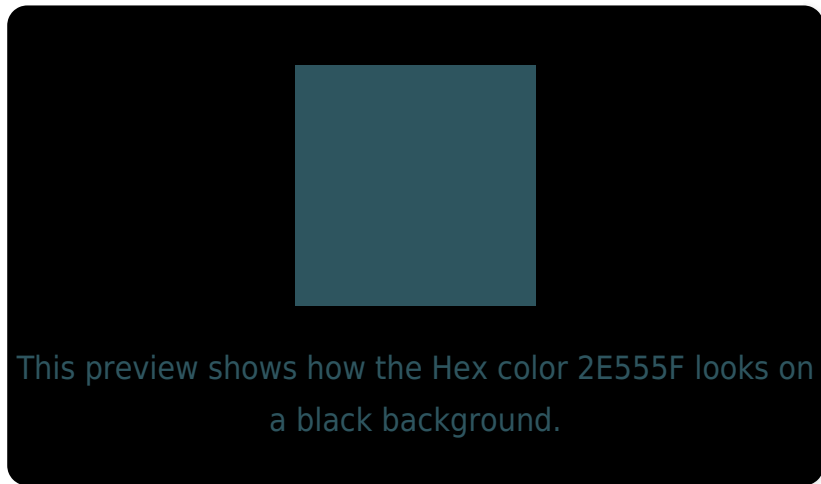
Large Text (above 18pt) WCAG AA ✓ Pass

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

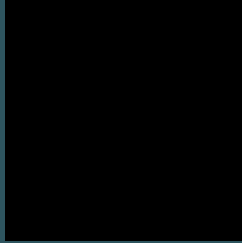
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

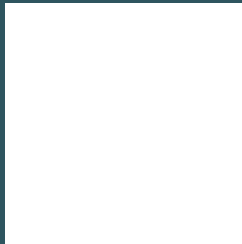
Any Text WCAG AAA × Fail

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

Hex 2E555F Background



This preview shows how black text looks on a background with the Hex color 2E555F.



This preview shows how white text looks on a background with the Hex color 2E555F.

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

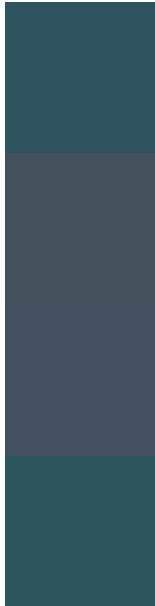


Original Color
2E555F

Protanopia
4D4F5B

Deuteranopia
4E4D61

Trichromacy



Original Color
2E555F

Protanomaly
42515C

Deuteranomaly
425060

Tritanomaly
2D555D

Monochromacy



Original Color
2E555F

Achromatopsia
4A4A4A

Achromatomaly
404E52

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E555F 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 #2E555F looks like.

```
.text, #text, p{  
    color:#2E555F  
}
```

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 #2E555F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E555F
}
```

Border

The CSS property to change the border of an element to Hex 2E555F 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
#2E555F }
```

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

```
.border{ border-color:#2E555F }
```

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

Here you see how a box with a 4 pixel #2E555F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E555F; -webkit-box-shadow:4px 4px  
4px 4px #2E555F; box-shadow:4px 4px 4px  
4px #2E555F }
```

Background

The CSS property to change the background color of an element to Hex 2E555F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E555F }
```

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

```
.background{ background-color:#2E555F }
```

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