

Converting Colors

Hex(2E5E67)

Have a look what the booklet for
Hex(2E5E67) contains.

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Color

Hex(2E5E67)

Conversions

Conversions Part 1

Format	Color
Hex	2E5E67
RGB	46, 94, 103
RGB Percent	18%, 37%, 40%
CMY	0.8196, 0.6314, 0.5961
CMYK	0.55, 0.09, 0.00, 0.60
HSL	189°, 38%, 29%
HSV	189°, 55%, 40%
XYZ	7.5776, 9.5655, 14.2789
YIQ	80.6740, -31.4970, -7.3770

Conversions

Conversions Part 2

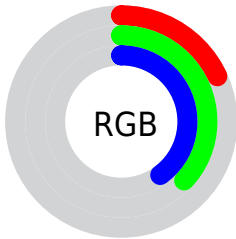
Format	Color
RYB	46, 72, 103
Decimal	3038823
CIELab	37.05, -13.47, -10.14
CIElCh	37, 16.864, 216.978
Yxy	9.5655, 0.2412, 0.3044
Android (android.graphics.Color)	4281228903 (0xFF2E5E67)
YUV	80.6740, 11.0067, -30.4091
Hunter-Lab	30.9282, -10.3907, -5.7233

Details

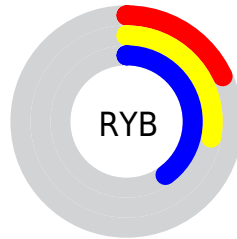
The Hex color **2E5E67** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **67372E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **61909A**, and **003038** is the 20% darker color. If you saturate the color by 10%, you get **245C67**, and if you desaturate by 10%, it is **386067**.

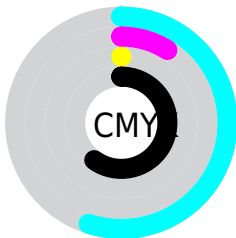
Distribution



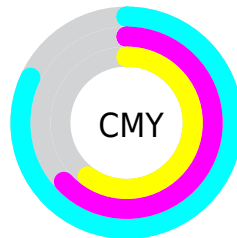
- Red (18%)
- Green (37%)
- Blue (40%)



- Red (18%)
- Yellow (28%)
- Blue (40%)



- Cyan (55%)
- Magenta (9%)
- Yellow (0%)
- Black (60%)



- Cyan (82%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5E67 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 2E5E67 by changing the saturation by 10% instead.

■ 2E5E67

■ 2E5E67

FFFFFF

■ 12464F

■ 61909A

■ 003038

■ 7BABB5

■ 001C23

■ 96C6D0

■ 00000C

■ B1E2ED

■ 000000

■ CDFFFF

■ EAFFFF

■ 2E5E67

■ 2E5E67

■ 245C67

■ 386067

195B67

436167

0F5967

4D6367

055767

576567

005767

626667

6C6867

766967

806B67

8B6D67

Harmonies

Analogous

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



325F5A



2E5E67



385B70

Triad

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



2E5E67



6B4F62



5E573C

Complementary

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



2E5E67



67372E

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.



6A533F



2E5E67



724D54

Square

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



2E5E67



5D536D



714F47



4F5B41

Rectangle

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



2E5E67



445972



714F47



62563C

Sweetspot

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



2E5E67



708487



2E6737



374345



C4C4C4



454545

Same Dimension

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



2E5E67



2E7987



2E4267



2E3233



006173



00CCF2

Inverse Universe

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



672E5E



872E79



67532E



332E32



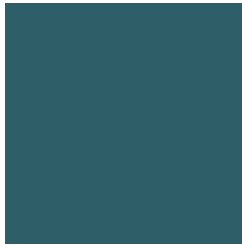
730061



F200CC

Previews

White Background



This preview shows how the Hex color 2E5E67 looks on a white background.

Color Contrast Check

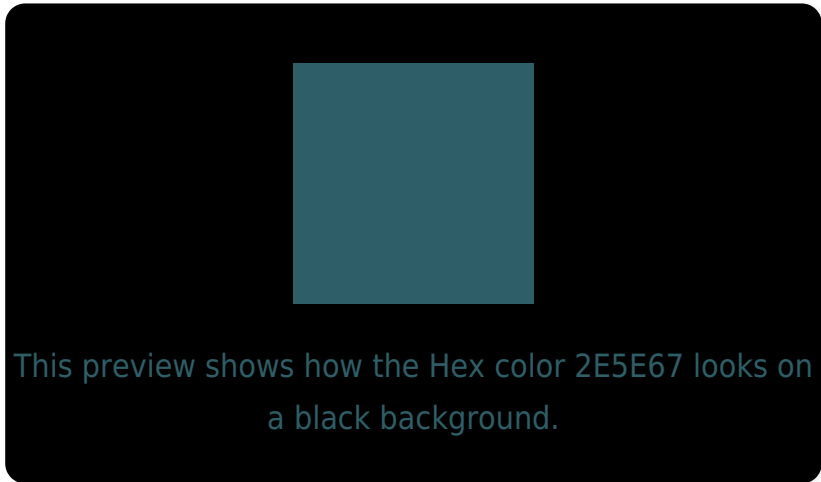
Large Text (above 18pt) WCAG AA ✓ Pass

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

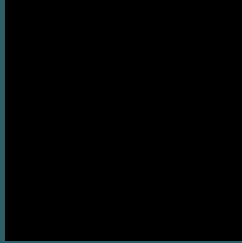
Any Text WCAG AA × Fail

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 2E5E67 Background



This preview shows how black text looks on a background with the Hex color 2E5E67.

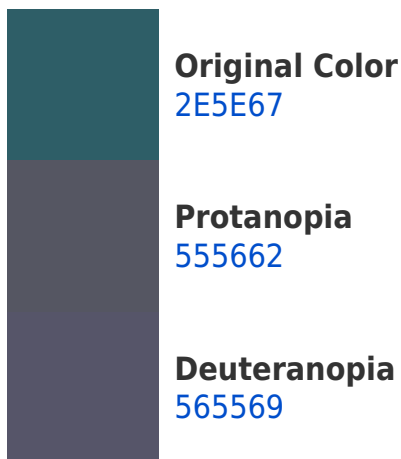



This preview shows how white text looks on a background with the Hex color 2E5E67.

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](#).

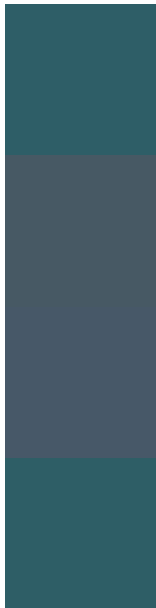
Dichromacy





Tritanopia
2E5E66

Trichromacy



Original Color
2E5E67

Protanomaly
475964

Deuteranomaly
475868

Tritanomaly
2E5E66

Monochromacy



Original Color
2E5E67

Achromatopsia
515151

Achromatomaly
445659

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5E67 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 #2E5E67 looks like.

```
.text, #text, p{  
    color:#2E5E67  
}
```

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 #2E5E67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5E67
}
```

Border

The CSS property to change the border of an element to Hex 2E5E67 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
#2E5E67 }
```

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

```
.border{ border-color:#2E5E67 }
```

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

Here you see how a box with a 4 pixel #2E5E67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5E67; -webkit-box-shadow:4px 4px  
4px 4px #2E5E67; box-shadow:4px 4px 4px  
4px #2E5E67 }
```

Background

The CSS property to change the background color of an element to Hex 2E5E67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5E67 }
```

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

```
.background{ background-color:#2E5E67 }
```

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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