

Converting Colors

Hex(2E5768)

Have a look what the booklet for
Hex(2E5768) contains.

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Color

Hex(2E5768)

Conversions

Conversions Part 1

Format	Color
Hex	2E5768
RGB	46, 87, 104
RGB Percent	18%, 34%, 41%
CMY	0.8196, 0.6588, 0.5922
CMYK	0.56, 0.16, 0.00, 0.59
HSL	198°, 39%, 29%
HSV	198°, 56%, 41%
XYZ	7.0336, 8.3967, 14.3467
YIQ	76.6790, -29.8930, -3.4050

Conversions

Conversions Part 2

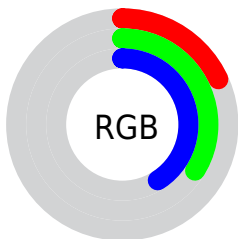
Format	Color
R_{YB}	46, 70, 104
Decimal	3037032
CIE _{Lab}	34.80, -9.03, -14.19
CIE _{LCh}	35, 16.822, 237.536
Yxy	8.3967, 0.2362, 0.2820
Android (android.graphics.Color)	4281227112 (0xFF2E5768)
YUV	76.6790, 13.4693, -26.9055
Hunter-Lab	28.9771, -7.3826, -9.0709




Details

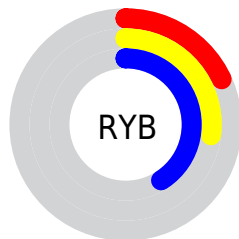
The Hex color **2E5768** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **683F2E**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **61899B**, and **002A39** is the 20% darker color. If you saturate the color by 10%, you get **245468**, and if you desaturate by 10%, it is **385A68**.

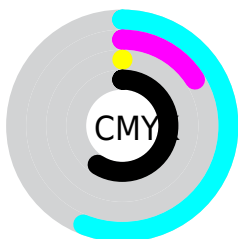
Distribution







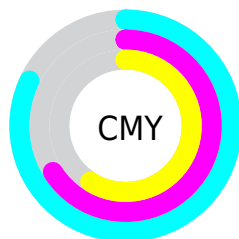
-  Red (18%)
-  Green (34%)
-  Blue (41%)






-  Red (18%)
-  Yellow (27%)
-  Blue (41%)



-  Cyan (56%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (82%)
-  Magenta (66%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5768 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 2E5768 by changing the saturation by 10% instead.

■ 2E5768

■ 2E5768

FFFFFF

■ 134050

■ 61899B

■ 002A39

■ 7BA3B6

■ 001623

■ 95BED2

■ 00000D

■ B1DAEE

■ 000000

■ CDF6FF

■ E9FFFF

■ 2E5768

■ 2E5768

■ 245468

■ 385A68

■ 195168

■ 435D68

■ 0F4E68

■ 4D6068

■ 044B68

■ 586368

■ 004A68

■ 626668

■ 6C6968

■ 776C68

■ 816F68

■ 8C7268

Harmonies

Analogous

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



28595E



2E5768



3F536C

Triad

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



2E5768



6B4853



4E553A

Complementary

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



2E5768



683F2E

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.



5C5137



2E5768



6D4946

Square

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



2E5768



624A60



674C3C



3F5843

Rectangle

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



2E5768



4C506B



674C3C



535338

Sweetspot

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



2E5768



708087



2E683E



374145



C4C4C4



454545

Same Dimension

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



2E5768



2D6D87



2E3B68



2E3233



005173



00ABF2

Inverse Universe

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



682E57



872D6D



685B2E



332E32



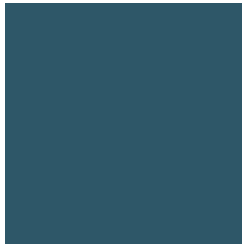
730051



F200AB

Previews

White Background



This preview shows how the Hex color 2E5768 looks on a white background.

Color Contrast Check

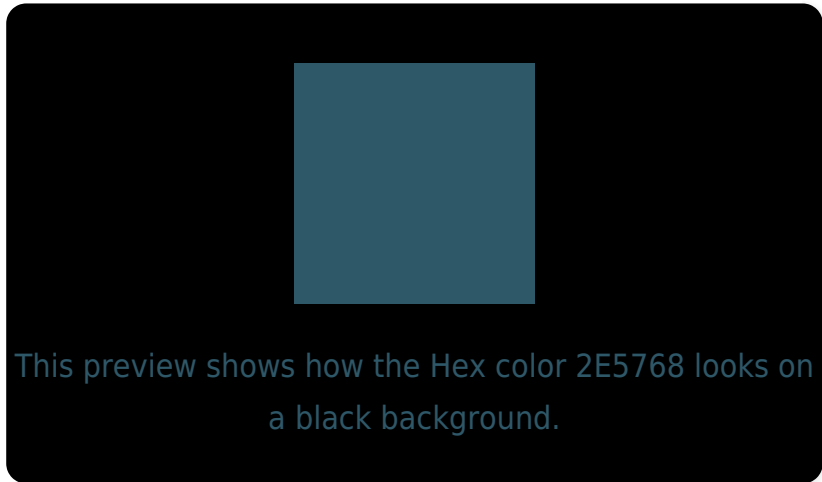
Large Text (above 18pt) WCAG AA ✓ Pass

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

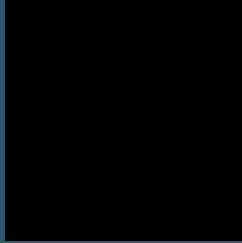
Any Text WCAG AA × Fail

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 2E5768 Background



This preview shows how black text looks on a background with the Hex color 2E5768.



This preview shows how white text looks on a background with the Hex color 2E5768.

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
2E5768

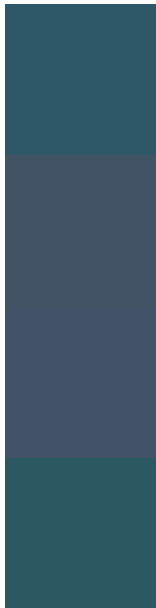
Protanopia
4D5164

Deuteranopia
4D506A



Tritanopia
2B5860

Trichromacy



Original Color
2E5768

Protanomaly
425365

Deuteranomaly
425369

Tritanomaly
2C5863

Monochromacy



Original Color
2E5768

Achromatopsia
4D4D4D

Achromatomaly
425157

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5768 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 #2E5768 looks like.

```
.text, #text, p{  
    color:#2E5768  
}
```

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 #2E5768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5768
}
```

Border

The CSS property to change the border of an element to Hex 2E5768 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
#2E5768 }
```

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

```
.border{ border-color:#2E5768 }
```

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

Here you see how a box with a 4 pixel #2E5768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5768; -webkit-box-shadow:4px 4px  
4px 4px #2E5768; box-shadow:4px 4px 4px  
4px #2E5768 }
```

Background

The CSS property to change the background color of an element to Hex 2E5768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5768 }
```

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

```
.background{ background-color:#2E5768 }
```

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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