

Converting Colors

Hex(2E5D70)

Have a look what the booklet for
Hex(2E5D70) contains.

Hex(2E5D70)	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(2E5D70)

Conversions

Conversions Part 1

Format	Color
Hex	2E5D70
RGB	46, 93, 112
RGB Percent	18%, 36%, 44%
CMY	0.8196, 0.6353, 0.5608
CMYK	0.59, 0.17, 0.00, 0.56
HSL	197°, 42%, 31%
HSV	197°, 59%, 44%
XYZ	7.9657, 9.5794, 16.7584
YIQ	81.1130, -34.1110, -4.0550

Conversions

Conversions Part 2

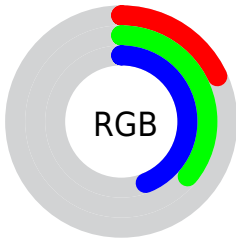
Format	Color
RYB	46, 73, 112
Decimal	3038576
CIELab	37.08, -9.97, -15.67
CIELCh	37, 18.573, 237.534
Yxy	9.5794, 0.2322, 0.2793
Android (android.graphics.Color)	4281228656 (0xFF2E5D70)
YUV	81.1130, 15.2273, -30.7941
Hunter-Lab	30.9506, -8.2234, -10.4375

Details

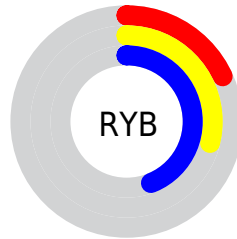
The Hex color **2E5D70** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **70412E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **628FA4**, and **002F40** is the 20% darker color. If you saturate the color by 10%, you get **235A70**, and if you desaturate by 10%, it is **396070**.

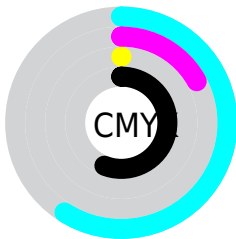
Distribution



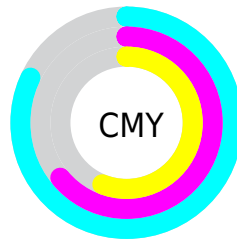
- Red (18%)
- Green (36%)
- Blue (44%)



- Red (18%)
- Yellow (29%)
- Blue (44%)



- Cyan (59%)
- Magenta (17%)
- Yellow (0%)
- Black (56%)



- Cyan (82%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5D70 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 2E5D70 by changing the saturation by 10% instead.

■ 2E5D70

■ 2E5D70

FFFFFF

■ 114558

■ 628FA4

■ 002F40

■ 7CAABF

■ 001B2A

■ 97C5DB

■ 000116

■ B3E1F7

■ 000000

■ CFEEFF

■ ECFFFF

■ 2E5D70

■ 2E5D70

■ 235A70

■ 396070

■ 185770

■ 446370

■ 0C5370

■ 506770

■ 015070

■ 5B6A70

■ 005070

■ 666D70

■ 717070

■ 7C7470

■ 887770

■ 937A70

Harmonies

Analogous

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



275F65



2E5D70



425975

Triad

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



2E5D70



734C59



535A3C

Complementary

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



2E5D70



70412E

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.



635639



2E5D70



754D4A

Square

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



2E5D70



694F67



6F513F



425E47

Rectangle

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



2E5D70



515674



6F513F



59593A

Sweetspot

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



2E5D70



778A91



2E7041



3A454A



C9C9C9



4A4A4A

Same Dimension

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



2E5D70



2A7491



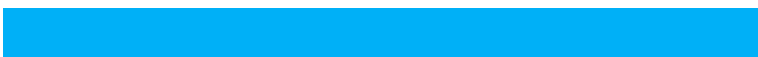
2E3C70



323638



005578



00B0F7

Inverse Universe

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



702E5D



912A74



70622E



383236



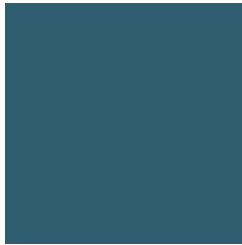
780055



F700B0

Previews

White Background



This preview shows how the Hex color 2E5D70 looks on a white background.

Color Contrast Check

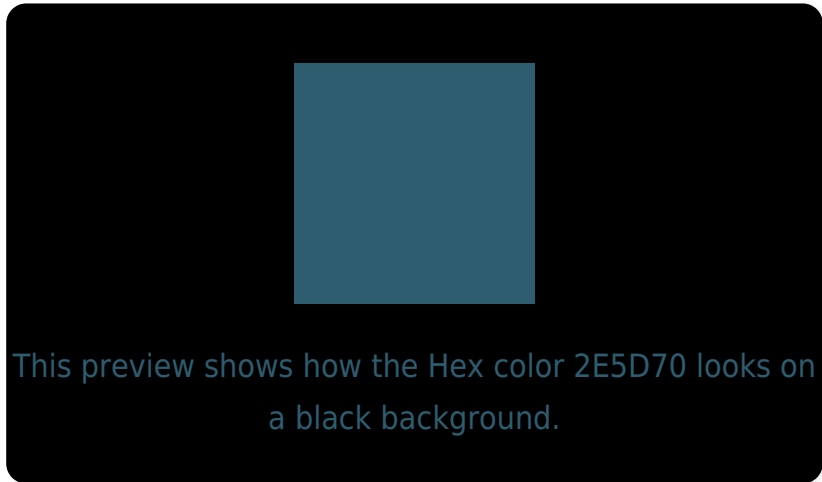
Large Text (above 18pt) WCAG AA ✓ Pass

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

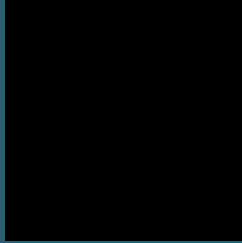
Any Text WCAG AA × Fail

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 2E5D70 Background



This preview shows how black text looks on a background with the Hex color 2E5D70.

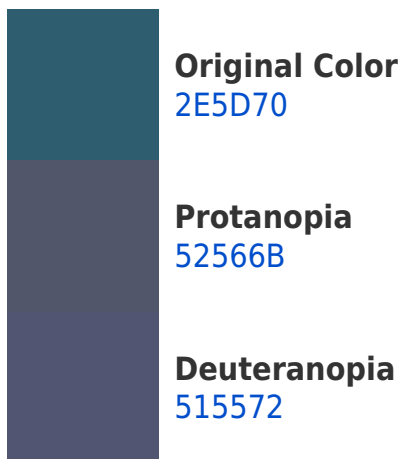


This preview shows how white text looks on a background with the Hex color 2E5D70.

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](#).

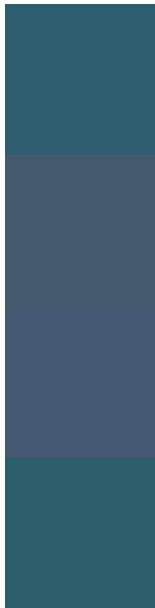
Dichromacy





Tritanopia
2A5F66

Trichromacy



Original Color
2E5D70

Protanomaly
45596D

Deuteranomaly
445871

Tritanomaly
2B5E6A

Monochromacy



Original Color
2E5D70

Achromatopsia
515151

Achromatomaly
44555C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5D70 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 #2E5D70 looks like.

```
.text, #text, p{  
    color:#2E5D70  
}
```

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 #2E5D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5D70
}
```

Border

The CSS property to change the border of an element to Hex 2E5D70 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
#2E5D70 }
```

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

```
.border{ border-color:#2E5D70 }
```

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

Here you see how a box with a 4 pixel #2E5D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5D70; -webkit-box-shadow:4px 4px  
4px 4px #2E5D70; box-shadow:4px 4px 4px  
4px #2E5D70 }
```

Background

The CSS property to change the background color of an element to Hex 2E5D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5D70 }
```

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

```
.background{ background-color:#2E5D70 }
```

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