

# Converting Colors

Hex(2E5863)

Have a look what the booklet for  
Hex(2E5863) contains.

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# Color

**Hex(2E5863)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E5863
RGB	46, 88, 99
RGB Percent	18%, 35%, 39%
CMY	0.8196, 0.6549, 0.6118
CMYK	0.54, 0.11, 0.00, 0.61
HSL	192°, 37%, 28%
HSV	192°, 54%, 39%
XYZ	6.8686, 8.4611, 13.0755
YIQ	76.6960, -28.5630, -5.4830

# Conversions

## Conversions Part 2

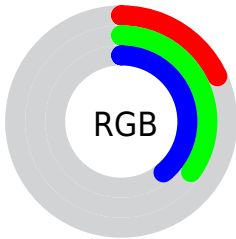
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 69, 99
Decimal	3037283
CIE <sub>Lab</sub>	34.93, -11.24, -10.87
CIE <sub>LCh</sub>	35, 15.638, 224.035
Yxy	8.4611, 0.2418, 0.2979
Android (android.graphics.Color)	4281227363 (0xFF2E5863)
YUV	76.6960, 10.9959, -26.9204
Hunter-Lab	29.0880, -8.7548, -6.2902




# Details

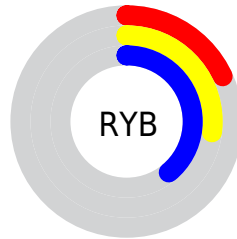
The Hex color **2E5863** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **63392E**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **608A96**, and **002A34** is the 20% darker color. If you saturate the color by 10%, you get **245663**, and if you desaturate by 10%, it is **385A63**.

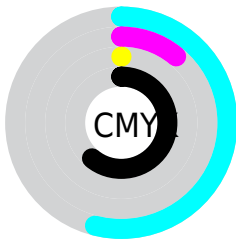
# Distribution







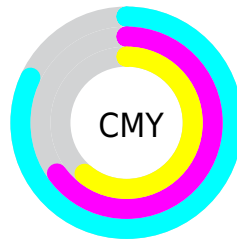
-  Red (18%)
-  Green (35%)
-  Blue (39%)






-  Red (18%)
-  Yellow (27%)
-  Blue (39%)



-  Cyan (54%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (82%)
-  Magenta (65%)
-  Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E5863 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 2E5863 by changing the saturation by 10% instead.



■ 2E5863

■ 2E5863

FFFFFF

■ 14414B

■ 608A96

■ 002A34

■ 7AA4B0

■ 00171F

■ 95BFCC

■ 000005

■ B0DBE8

■ 000000

■ CCF8FF

■ E8FFFF

■ 2E5863

■ 2E5863

■ 245663

■ 385A63

■ 1A5463

■ 425C63

■ 105263

■ 4C5E63

■ 065063

■ 566063

■ 004E63

■ 606263

■ 696463

■ 736663

■ 7D6863

■ 876A63

# Harmonies

## Analogous

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



2F5958



2E5863



3A556A

# Triad

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



2E5863



674A59



55533A

# Complementary

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



2E5863



63392E

# 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.



614F3A



2E5863



6B494D

# Square

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



2E5863



5B4D64



694B41



475740

# Rectangle

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



2E5863



45536B



694B41



5A5239



# Sweetspot

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



2E5863



6B7B80



2E6339



343D40



BFBFBF



404040



# Same Dimension

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



2E5863



2E6F80



2E3E63



2C2F30



005970



00BEF0



# Inverse Universe

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



632E58



802E6F



63532E



302C2F



700059

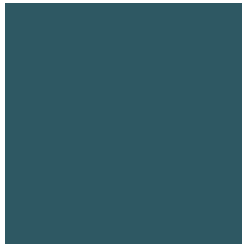


F000BE



# Previews

## White Background



This preview shows how the Hex color 2E5863 looks on a white background.

## Color Contrast Check

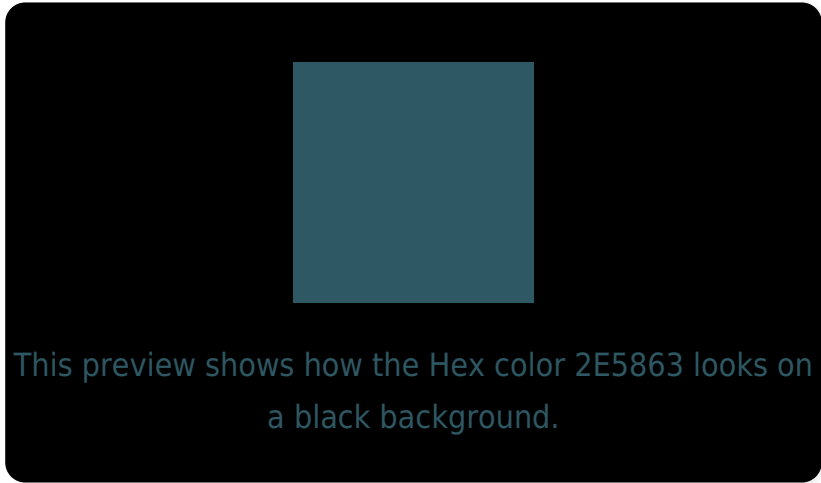
Large Text (above 18pt) WCAG AA ✓ Pass

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

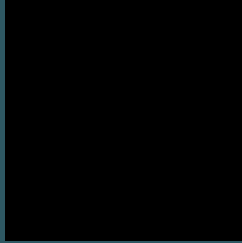
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

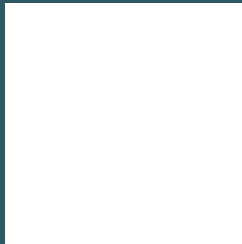
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2E5863 Background



This preview shows how black text looks on a background with the Hex color 2E5863.



This preview shows how white text looks on a background with the Hex color 2E5863.

# 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**  
2E5863

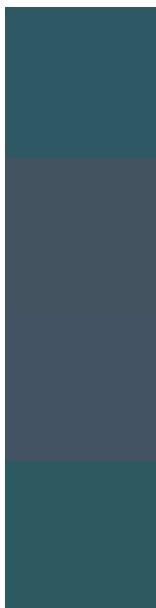
**Protanopia**  
4F515E

**Deuteranopia**  
505065



**Tritanopia**  
2D5960

# Trichromacy



**Original Color**

2E5863

**Protanomaly**

435460

**Deuteranomaly**

445364

**Tritanomaly**

2D5961

# Monochromacy



**Original Color**

2E5863

**Achromatopsia**

4D4D4D

**Achromatomaly**

425155

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E5863 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 #2E5863 looks like.

```
.text, #text, p{  
    color:#2E5863  
}
```

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 #2E5863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5863
}
```

## Border

The CSS property to change the border of an element to Hex 2E5863 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
#2E5863 }
```

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

```
.border{ border-color:#2E5863 }
```

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

Here you see how a box with a 4 pixel #2E5863 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5863; -webkit-box-shadow:4px 4px  
4px 4px #2E5863; box-shadow:4px 4px 4px  
4px #2E5863 }
```

# Background

The CSS property to change the background color of an element to Hex 2E5863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5863 }
```

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

```
.background{ background-color:#2E5863 }
```

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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