

# Converting Colors

Hex(2E5751)

Have a look what the booklet for  
Hex(2E5751) contains.

<b>Hex(2E5751)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(2E5751)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E5751
RGB	46, 87, 81
RGB Percent	18%, 34%, 32%
CMY	0.8196, 0.6588, 0.6824
CMYK	0.47, 0.00, 0.07, 0.66
HSL	171°, 31%, 26%
HSV	171°, 47%, 34%
XYZ	6.0201, 7.9913, 9.0098
YIQ	74.0570, -22.5100, -10.5580

# Conversions

## Conversions Part 2

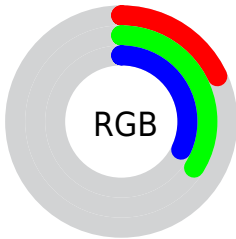
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 68, 87
Decimal	3037009
CIE <sub>Lab</sub>	33.96, -16.06, -1.01
CIE <sub>LCh</sub>	34, 16.089, 183.587
Yxy	7.9913, 0.2615, 0.3471
Android (android.graphics.Color)	4281227089 (0xFF2E5751)
YUV	74.0570, 3.4229, -24.6060
Hunter-Lab	28.2689, -11.4575, 0.8915

# Details

The Hex color **2E5751** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **572E34**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5F8982**, and **002925** is the 20% darker color. If you saturate the color by 10%, you get **255750**, and if you desaturate by 10%, it is **375752**.

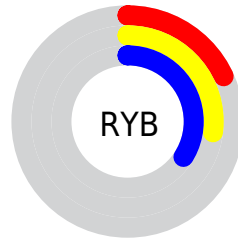
# Distribution



Red (18%)

Green (34%)

Blue (32%)



Red (18%)

Yellow (27%)

Blue (34%)

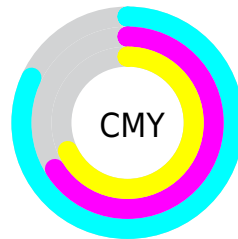


Cyan (47%)

Magenta (0%)

Yellow (7%)

Black (66%)



Cyan (82%)

Magenta (66%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E5751 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 2E5751 by changing the saturation by 10% instead.





2E5751



2E5751

FFFFFF



16403A



5F8982



002925



78A39C



00160F



93BFB7



000000



AEDAD3



C977EF



E6FFFF



2E5751



2E5751



255750



375752

■ 1D574E

■ 3F5754

■ 14574D

■ 485755

■ 0B574C

■ 515756

■ 02574B

■ 5A5757

■ 00574A

■ 625759

■ 6B575A

■ 74575B

■ 7C575C

# Harmonies

## Analogous

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



3B5644



2E5751



29565E

# Triad

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



2E5751



544C65



634B39

# Complementary

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



2E5751



572E34

# 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.



694842



2E5751



62485B

# Square

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



2E5751



425169



69464F



585036

# Rectangle

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



2E5751



2D5564



69464F



654A3C



# Sweetspot

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



2E5751



60706E



34572E



2F3837



B8B8B8



383838



# Same Dimension

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



2E5751



307067



2E4957



272B2B



006B5B



00EBC8



# Inverse Universe

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



572E34



70303A



573C2E



2B2728



6B0010



EB0022



# Previews

## White Background



This preview shows how the Hex color 2E5751 looks on a white background.

## Color Contrast Check

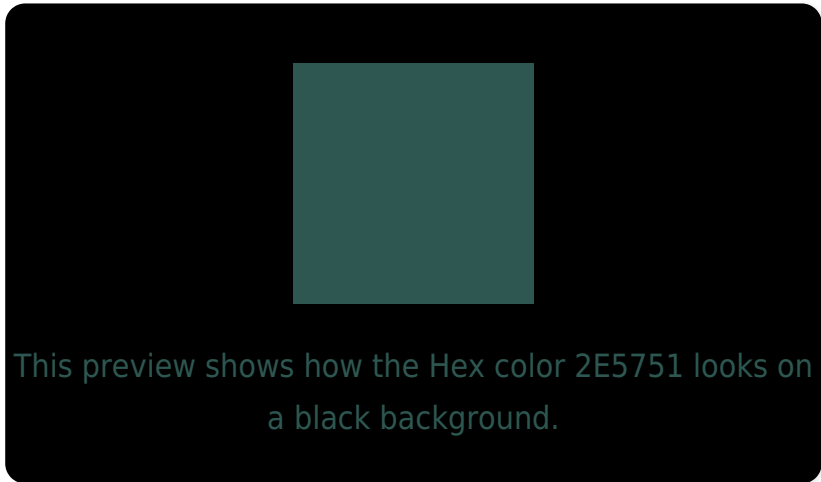
Large Text (above 18pt) WCAG AA ✓ Pass

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

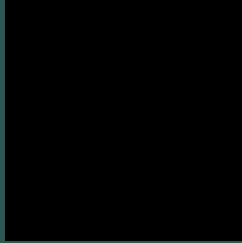
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E5751 Background



This preview shows how black text looks on a background with the Hex color 2E5751.



This preview shows how white text looks on a background with the Hex color 2E5751.

# 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](#).

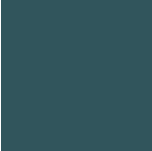
## Dichromacy



**Original Color**  
2E5751

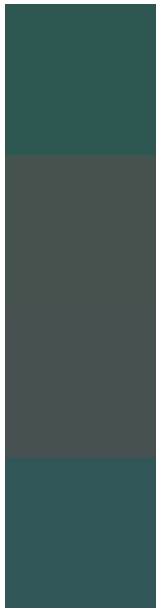
**Protanopia**  
524F4D

**Deuteranopia**  
564D53



**Tritanopia**  
31555C

# Trichromacy



**Original Color**  
2E5751

**Protanomaly**  
45524E

**Deuteranomaly**  
475152

**Tritanomaly**  
305658

# Monochromacy



**Original Color**  
2E5751

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
404F4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E5751 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 #2E5751 looks like.

```
.text, #text, p{  
    color:#2E5751  
}
```

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 #2E5751 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5751
}
```

## Border

The CSS property to change the border of an element to Hex 2E5751 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
#2E5751 }
```

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

```
.border{ border-color:#2E5751 }
```

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

Here you see how a box with a 4 pixel #2E5751 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5751; -webkit-box-shadow:4px 4px  
4px 4px #2E5751; box-shadow:4px 4px 4px  
4px #2E5751 }
```

# Background

The CSS property to change the background color of an element to Hex 2E5751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5751 }
```

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

```
.background{ background-color:#2E5751 }
```

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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