

# Converting Colors

Hex(2E5649)

Have a look what the booklet for  
Hex(2E5649) contains.

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# Color

**Hex(2E5649)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E5649
RGB	46, 86, 73
RGB Percent	18%, 34%, 29%
CMY	0.8196, 0.6627, 0.7137
CMYK	0.47, 0.00, 0.15, 0.66
HSL	160°, 30%, 26%
HSV	160°, 47%, 34%
XYZ	5.6571, 7.7175, 7.4948
YIQ	72.5580, -19.6670, -12.5230

# Conversions

## Conversions Part 2

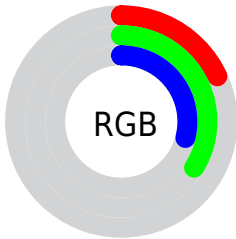
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 70, 86
Decimal	3036745
CIE <sub>Lab</sub>	33.39, -17.66, 3.19
CIE <sub>LCh</sub>	33, 17.943, 169.774
Yxy	7.7175, 0.2711, 0.3698
Android (android.graphics.Color)	4281226825 (0xFF2E5649)
YUV	72.5580, 0.2179, -23.2914
Hunter-Lab	27.7803, -12.2663, 3.4505

# Details

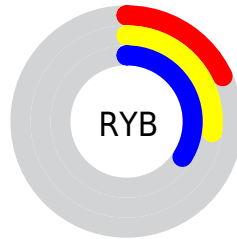
The Hex color **2E5649** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **562E3B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5E887A**, and **00281E** is the 20% darker color. If you saturate the color by 10%, you get **255646**, and if you desaturate by 10%, it is **37564C**.

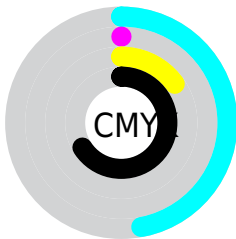
# Distribution



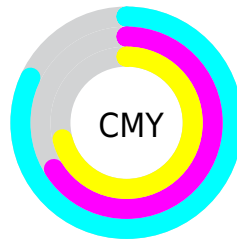
- Red (18%)
- Green (34%)
- Blue (29%)



- Red (18%)
- Yellow (27%)
- Blue (34%)



- Cyan (47%)
- Magenta (0%)
- Yellow (15%)
- Black (66%)



- Cyan (82%)
- Magenta (66%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E5649 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 2E5649 by changing the saturation by 10% instead.





2E5649



2E5649

FFFFFF



163F33



5E887A



00281E



78A293



001404



92BDAE



000000



ADD9C9



C9F6E5



E5FFFF



2E5649



2E5649



255646



37564C

■ 1D5643

■ 3F564F

■ 145641

■ 485651

■ 0C563E

■ 505654

■ 03563B

■ 595657

■ 00563A

■ 62565A

■ 6A565D

■ 73565F

■ 7B5662

# Harmonies

## Analogous

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



3F543C



2E5649



215658

# Triad

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



2E5649



4A4D69



674739

# Complementary

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



2E5649



562E3B

# 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.



6B4446



2E5649



5C4861

# Square

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



2E5649



34516A



674454



5D4C33

# Rectangle

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



2E5649



205560



674454



69463D



# Sweetspot

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



2E5649



60706B



3B562E



2F3835



B8B8B8



383838



# Same Dimension

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



2E5649



31705C



2E4F56



272B2A



006B48



00EB9E



# Inverse Universe

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



562E3B



703146



56352E



2B2728



6B0023

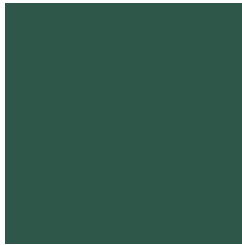


EB004C



# Previews

## White Background



This preview shows how the Hex color 2E5649 looks on a white background.

## Color Contrast Check

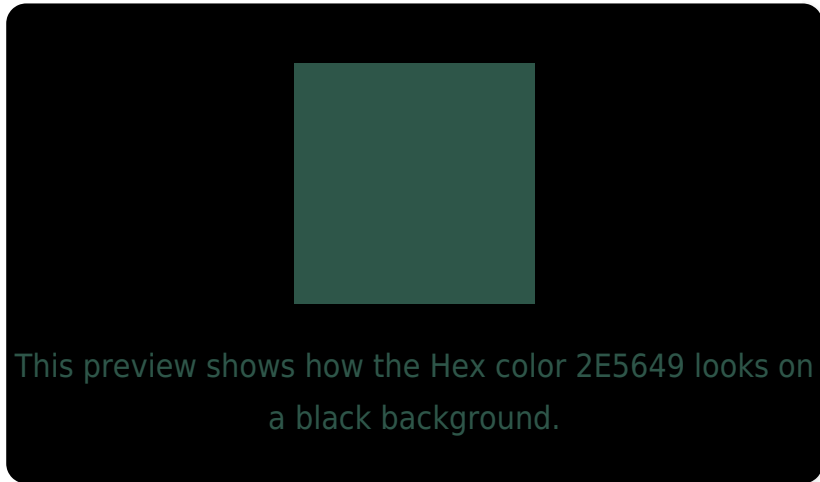
Large Text (above 18pt) WCAG AA ✓ Pass

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

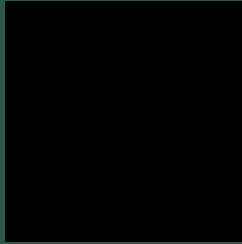
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E5649 Background



This preview shows how black text looks on a background with the Hex color 2E5649.



This preview shows how white text looks on a background with the Hex color 2E5649.

# 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](#).

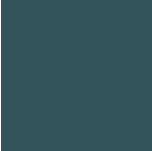
## Dichromacy



**Original Color**  
2E5649

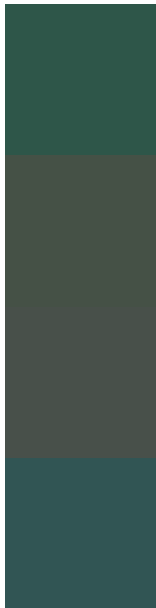
**Protanopia**  
524E45

**Deuteranopia**  
574C4B



**Tritanopia**  
33545A

# Trichromacy



**Original Color**  
2E5649

**Protanomaly**  
455146

**Deuteranomaly**  
48504A

**Tritanomaly**  
315554

# Monochromacy



**Original Color**  
2E5649

**Achromatopsia**  
494949

**Achromatomaly**  
3F4E49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E5649 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 #2E5649 looks like.

```
.text, #text, p{  
    color:#2E5649  
}
```

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 #2E5649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5649
}
```

## Border

The CSS property to change the border of an element to Hex 2E5649 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
#2E5649 }
```

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

```
.border{ border-color:#2E5649 }
```

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

Here you see how a box with a 4 pixel #2E5649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5649; -webkit-box-shadow:4px 4px  
4px 4px #2E5649; box-shadow:4px 4px 4px  
4px #2E5649 }
```

# Background

The CSS property to change the background color of an element to Hex 2E5649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5649 }
```

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

```
.background{ background-color:#2E5649 }
```

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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