

# Converting Colors

Hex(2E6E51)

Have a look what the booklet for  
Hex(2E6E51) contains.

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# Color

**Hex(2E6E51)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E6E51
RGB	46, 110, 81
RGB Percent	18%, 43%, 32%
CMY	0.8196, 0.5686, 0.6824
CMYK	0.58, 0.00, 0.26, 0.57
HSL	153°, 41%, 31%
HSV	153°, 58%, 43%
XYZ	8.1878, 12.3268, 9.7323
YIQ	87.5580, -28.8350, -22.5870

# Conversions

## Conversions Part 2

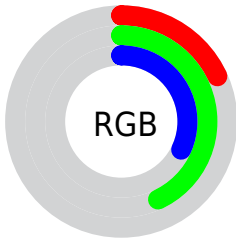
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 87, 110
Decimal	3042897
CIELab	41.73, -28.02, 10.11
CIELCh	42, 29.785, 160.152
Yxy	12.3268, 0.2707, 0.4075
Android (android.graphics.Color)	4281232977 (0xFF2E6E51)
YUV	87.5580, -3.2331, -36.4464
Hunter-Lab	35.1095, -19.8139, 8.1415

# Details

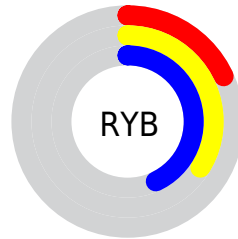
The Hex color **2E6E51** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E2E4B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **62A282**, and **003E24** is the 20% darker color. If you saturate the color by 10%, you get **236E4C**, and if you desaturate by 10%, it is **396E56**.

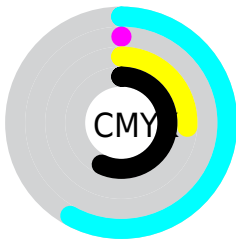
# Distribution



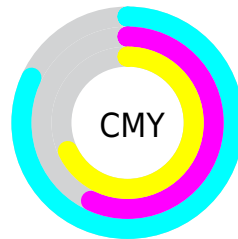
- Red (18%)
- Green (43%)
- Blue (32%)



- Red (18%)
- Yellow (34%)
- Blue (43%)



- Cyan (58%)
- Magenta (0%)
- Yellow (26%)
- Black (57%)



- Cyan (82%)
- Magenta (57%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E6E51 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 2E6E51 by changing the saturation by 10% instead.



■ 2E6E51

■ 2E6E51

FFFFFF

■ 11553A

■ 62A282

■ 003E24

■ 7CBD9C

■ 002710

■ 97D9B7

■ 000C00

■ B3F6D3

■ 000000

■ CFFFEF

■ EBFFFF

■ 2E6E51

■ 2E6E51

■ 236E4C

■ 396E56

■ 186E47

■ 446E5B

■ 0D6E42

■ 4F6E60

■ 026E3D

■ 5A6E65

■ 006E3C

■ 656E6A

■ 706E6F

■ 7B6E74

■ 866E79

■ 916E7E

# Harmonies

## Analogous

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



4F6A3C



2E6E51



006F6A

# Triad

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



2E6E51



4B6292



8E5344

# Complementary

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



2E6E51



6E2E4B

# 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.



914F5B



2E6E51



705988

# Square

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



2E6E51



0F6A90



875174



7F5B34

# Rectangle

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



2E6E51



006F7A



875174



90514B



# Sweetspot

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



2E6E51



778F84



4C6E2E



394741



C7C7C7



474747



# Same Dimension

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



2E6E51



2B8F62



2E6C6E



323836



007842



00F787



# Inverse Universe

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



6E2E4B



8F2B58



6E302E



383235



780036

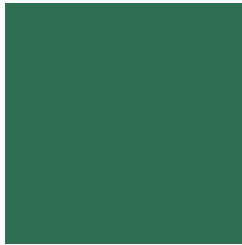


F70070



# Previews

## White Background



This preview shows how the Hex color 2E6E51 looks on a white background.

## Color Contrast Check

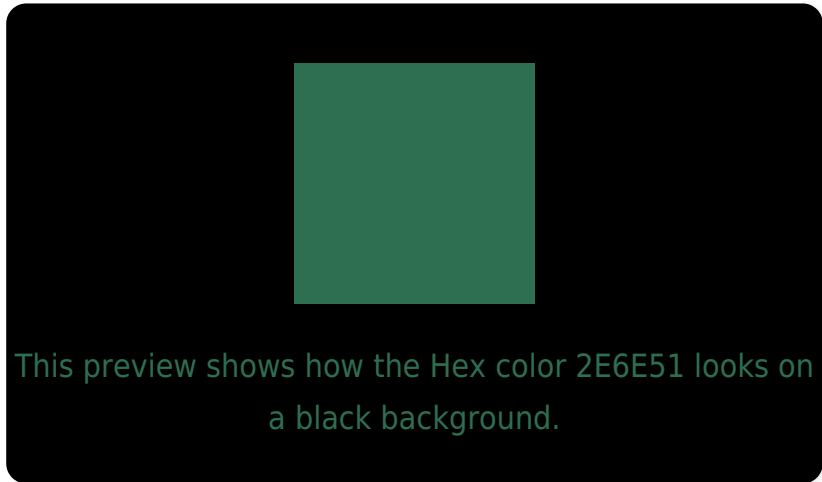
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

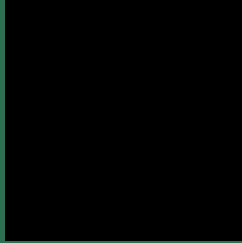
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E6E51 Background



This preview shows how black text looks on a background with the Hex color 2E6E51.



This preview shows how white text looks on a background with the Hex color 2E6E51.

# 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**  
2E6E51

**Protanopia**  
69624B

**Deuteranopia**  
705E54



**Tritanopia**  
396A72

# Trichromacy



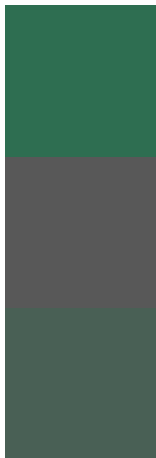
**Original Color**  
2E6E51

**Protanomaly**  
54664D

**Deuteranomaly**  
586453

**Tritanomaly**  
356B66

# Monochromacy



**Original Color**  
2E6E51

**Achromatopsia**  
585858

**Achromatomaly**  
496055

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E6E51 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 #2E6E51 looks like.

```
.text, #text, p{  
    color:#2E6E51  
}
```

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 #2E6E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6E51  
}
```

## Border

The CSS property to change the border of an element to Hex 2E6E51 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  
#2E6E51 }
```

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

```
.border{ border-color:#2E6E51 }
```

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

Here you see how a box with a 4 pixel #2E6E51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6E51; -webkit-box-shadow:4px 4px  
4px 4px #2E6E51; box-shadow:4px 4px 4px  
4px #2E6E51 }
```

# Background

The CSS property to change the background color of an element to Hex 2E6E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6E51 }
```

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

```
.background{ background-color:#2E6E51 }
```

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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