

# Converting Colors

Hex(2E6350)

Have a look what the booklet for  
Hex(2E6350) contains.

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# Color

**Hex(2E6350)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E6350
RGB	46, 99, 80
RGB Percent	18%, 39%, 31%
CMY	0.8196, 0.6118, 0.6863
CMYK	0.54, 0.00, 0.19, 0.61
HSL	158°, 37%, 28%
HSV	158°, 54%, 39%
XYZ	7.0365, 10.0837, 9.1649
YIQ	80.9870, -25.4890, -17.1450

# Conversions

## Conversions Part 2

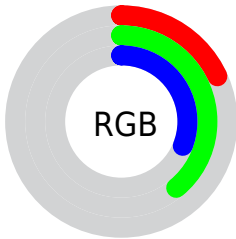
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 78, 99
Decimal	3040080
CIELab	37.99, -22.78, 5.44
CIElCh	38, 23.419, 166.568
Yxy	10.0837, 0.2677, 0.3836
Android (android.graphics.Color)	4281230160 (0xFF2E6350)
YUV	80.9870, -0.4866, -30.6836
Hunter-Lab	31.7549, -16.0174, 5.1165

# Details

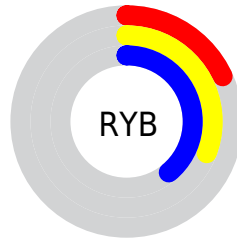
The Hex color **2E6350** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **632E41**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **609681**, and **003424** is the 20% darker color. If you saturate the color by 10%, you get **24634C**, and if you desaturate by 10%, it is **386354**.

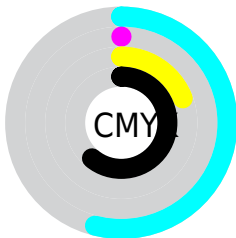
# Distribution



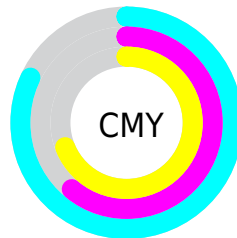
- Red (18%)
- Green (39%)
- Blue (31%)



- Red (18%)
- Yellow (31%)
- Blue (39%)



- Cyan (54%)
- Magenta (0%)
- Yellow (19%)
- Black (61%)



- Cyan (82%)
- Magenta (61%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E6350 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 2E6350 by changing the saturation by 10% instead.



 2E6350

 2E6350

FFFFFF

 144B39

 609681

 003424

 7AB19B

 00200E

 95CDB6

 000000

 B0E9D2

 CCFEE

 E8FFF

 2E6350

 2E6350

 24634C

 386354

■ 1A6349

■ 426357

■ 106345

■ 4C635B

■ 066342

■ 56635E

■ 006340

■ 606362

■ 696365

■ 736369

■ 7D636C

■ 876370

# Harmonies

## Analogous

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



46603F



2E6350



136464

# Triad

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



2E6350



4F587E



7A4F3F

# Complementary

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



2E6350



632E41

# 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.



7F4B50



2E6350



695174

# Square

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



2E6350



2F5E7E



794C63



6D5535

# Rectangle

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



2E6350



0A636F



794C63



7D4D44



# Sweetspot

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



2E6350



6B8078



41632E



34403B



BFBFBF



404040



# Same Dimension

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



2E6350



2E8062



2E5C63



2C302F



007048



00F09A



# Inverse Universe

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



632E41



802E4B



63352E



302C2D



700028

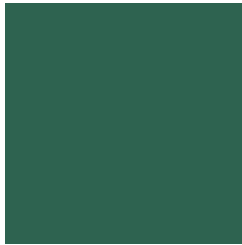


F00056



# Previews

## White Background



This preview shows how the Hex color 2E6350 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

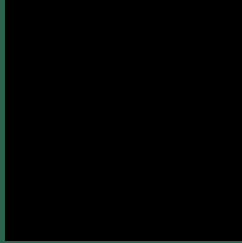
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E6350 Background



This preview shows how black text looks on a background with the Hex color 2E6350.



This preview shows how white text looks on a background with the Hex color 2E6350.

# 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**  
2E6350

**Protanopia**  
5E594B

**Deuteranopia**  
645653



**Tritanopia**  
356068

# Trichromacy



**Original Color**  
2E6350

**Protanomaly**  
4D5D4D

**Deuteranomaly**  
505B52

**Tritanomaly**  
32615F

# Monochromacy



**Original Color**  
2E6350

**Achromatopsia**  
515151

**Achromatomaly**  
445851

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E6350 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 #2E6350 looks like.

```
.text, #text, p{  
    color:#2E6350  
}
```

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 #2E6350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6350
}
```

## Border

The CSS property to change the border of an element to Hex 2E6350 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
#2E6350 }
```

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

```
.border{ border-color:#2E6350 }
```

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

Here you see how a box with a 4 pixel #2E6350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6350; -webkit-box-shadow:4px 4px  
4px 4px #2E6350; box-shadow:4px 4px 4px  
4px #2E6350 }
```

# Background

The CSS property to change the background color of an element to Hex 2E6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6350 }
```

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

```
.background{ background-color:#2E6350 }
```

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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