

Converting Colors

Hex(2E7C67)

Have a look what the booklet for
Hex(2E7C67) contains.

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Color

Hex(2E7C67)

Conversions

Conversions Part 1

Format	Color
Hex	2E7C67
RGB	46, 124, 103
RGB Percent	18%, 49%, 40%
CMY	0.8196, 0.5137, 0.5961
CMYK	0.63, 0.00, 0.17, 0.51
HSL	164°, 46%, 33%
HSV	164°, 63%, 49%
XYZ	10.7825, 15.9754, 15.3472
YIQ	98.2840, -39.7470, -23.0670

Conversions

Conversions Part 2

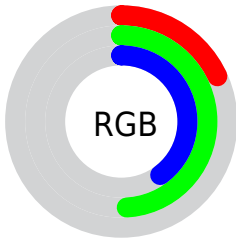
Format	Color
RYB	46, 91, 124
Decimal	3046503
CIELab	46.94, -29.26, 4.44
CIELCh	47, 29.591, 171.377
Yxy	15.9754, 0.2561, 0.3794
Android (android.graphics.Color)	4281236583 (0xFF2E7C67)
YUV	98.2840, 2.3250, -45.8531
Hunter-Lab	39.9693, -21.7921, 5.2126

Details

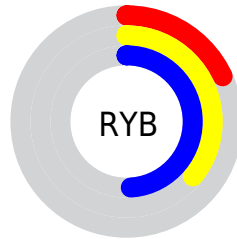
The Hex color **2E7C67** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C2E43**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **65B19A**, and **004A38** is the 20% darker color. If you saturate the color by 10%, you get **227C64**, and if you desaturate by 10%, it is **3A7C6A**.

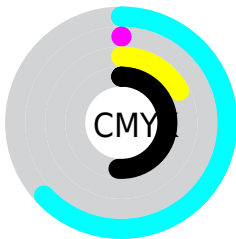
Distribution



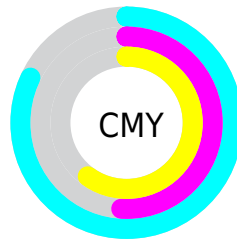
- Red (18%)
- Green (49%)
- Blue (40%)



- Red (18%)
- Yellow (36%)
- Blue (49%)



- Cyan (63%)
- Magenta (0%)
- Yellow (17%)
- Black (51%)



- Cyan (82%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E7C67 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 2E7C67 by changing the saturation by 10% instead.



2E7C67



2E7C67

FFFFFF



0B634F



65B19A



004A38



80CDB5



003323



9BE9D0



00200D



B7FFED



000000



D4FFFF



F1FFFF



2E7C67



2E7C67



227C64



3A7C6A

■ 157C60

■ 477C6E

■ 097C5D

■ 537C71

■ 007C5B

■ 607C74

■ 6C7C78

■ 787C7B

■ 857C7E

■ 917C82

■ 9E7C85

Harmonies

Analogous

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



51794F



2E7C67



007C81

Triad

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



2E7C67



676C9D



976349

Complementary

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



2E7C67



7C2E43

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.



9F5D5E



2E7C67



88628F

Square

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



2E7C67



3C74A0



9B5C78



866B3E

Rectangle

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



2E7C67



007B8F



9B5C78



9B6050

Sweetspot

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



2E7C67



82A198



447C2E



3F524D



D1D1D1



525252

Same Dimension

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



2E7C67



28A180



2E6B7C



373D3C



007D5B



00FCB8

Inverse Universe

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



7C2E43



A12849



7C3F2E



3D3739



7D0022



FC0044

Previews

White Background



This preview shows how the Hex color 2E7C67 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

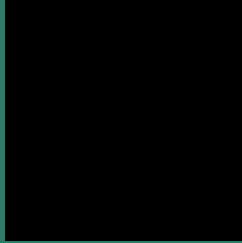
Any Text WCAG AA × Fail

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 2E7C67 Background



This preview shows how black text looks on a background with the Hex color 2E7C67.

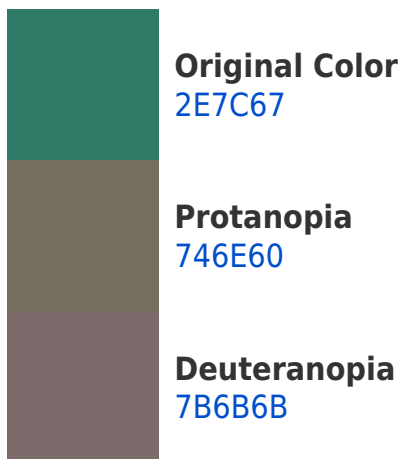


This preview shows how white text looks on a background with the Hex color 2E7C67.

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





Tritanopia
397882

Trichromacy



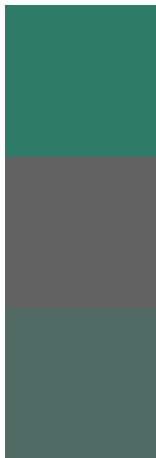
Original Color
2E7C67

Protanomaly
5B7363

Deuteranomaly
5F716A

Tritanomaly
357978

Monochromacy



Original Color
2E7C67

Achromatopsia
626262

Achromatomaly
4F6B64

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E7C67 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 #2E7C67 looks like.

```
.text, #text, p{  
    color:#2E7C67  
}
```

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 #2E7C67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7C67
}
```

Border

The CSS property to change the border of an element to Hex 2E7C67 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
#2E7C67 }
```

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

```
.border{ border-color:#2E7C67 }
```

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

Here you see how a box with a 4 pixel #2E7C67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7C67; -webkit-box-shadow:4px 4px  
4px 4px #2E7C67; box-shadow:4px 4px 4px  
4px #2E7C67 }
```

Background

The CSS property to change the background color of an element to Hex 2E7C67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7C67 }
```

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

```
.background{ background-color:#2E7C67 }
```

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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