

# Converting Colors

Hex(2E857C)

Have a look what the booklet for  
Hex(2E857C) contains.

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# Color

Hex(2E857C)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E857C
RGB	46, 133, 124
RGB Percent	18%, 52%, 49%
CMY	0.8196, 0.4784, 0.5137
CMYK	0.65, 0.00, 0.07, 0.48
HSL	174°, 49%, 35%
HSV	174°, 65%, 52%
XYZ	13.1523, 18.8111, 22.0065
YIQ	105.9610, -48.9630, -21.2430

# Conversions

## Conversions Part 2

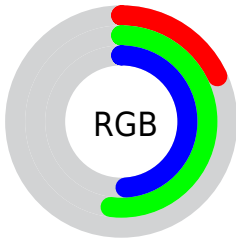
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 92, 133
Decimal	3048828
CIELab	50.47, -27.87, -2.78
CIELCh	50, 28.009, 185.686
Yxy	18.8111, 0.2437, 0.3485
Android (android.graphics.Color)	4281238908 (0xFF2E857C)
YUV	105.9610, 8.8932, -52.5858
Hunter-Lab	43.3718, -21.7712, 0.2770

# Details

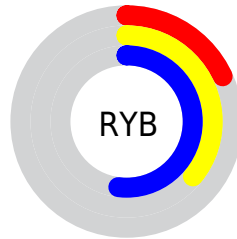
The Hex color **2E857C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **852E37**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **67BBB0**, and **00534B** is the 20% darker color. If you saturate the color by 10%, you get **21857B**, and if you desaturate by 10%, it is **3B857D**.

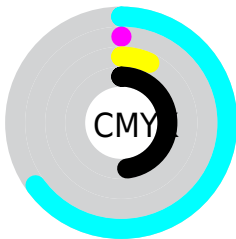
# Distribution



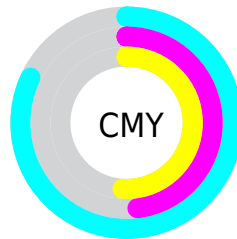
- Red (18%)
- Green (52%)
- Blue (49%)



- Red (18%)
- Yellow (36%)
- Blue (52%)



- Cyan (65%)
- Magenta (0%)
- Yellow (7%)
- Black (48%)



- Cyan (82%)
- Magenta (48%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E857C 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 2E857C by changing the saturation by 10% instead.



 2E857C

 2E857C

FFFFFF

 046B63

 67BBB0

 00534B

 83D7CC

 003B35

 9FF3E8

 002520

 BBFFFF

 000408

 D8FFFF

 000000

 F5FFFF

 2E857C

 2E857C

 21857B

 3B857D

■ 138579

■ 49857F

■ 068578

■ 568580

■ 008577

■ 638582

■ 718583

■ 7E8584

■ 8B8586

■ 988587

■ A68588

# Harmonies

## Analogous

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



4D8364



2E857C



1A8493

# Triad

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



2E857C



81709F



98704D

# Complementary

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



2E857C



852E37

# 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.



A5695D



2E857C



9A698C

# Square

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



2E857C



5E79A7



A66674



847848

# Rectangle

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



2E857C



29829F



A66674



9D6D52



# Sweetspot

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



2E857C



8BADAA



38852E



425755



D6D6D6



575757



# Same Dimension

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



2E857C



26AD9F



2E6485



3C4242



008275



000302



# Inverse Universe

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



852E37



AD2634



854F2E



423C3C



82000D

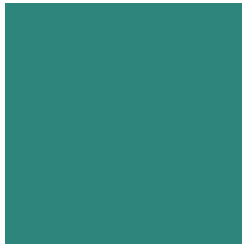


030000



# Previews

## White Background



This preview shows how the Hex color 2E857C looks on a white background.

## Color Contrast Check

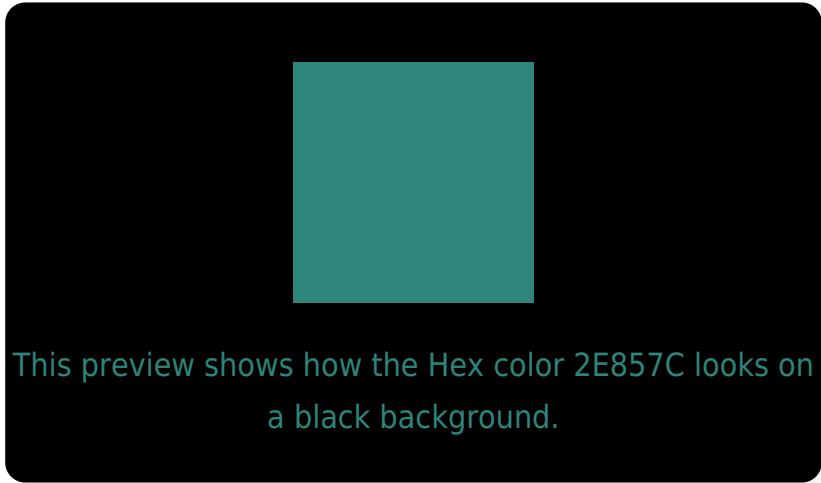
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

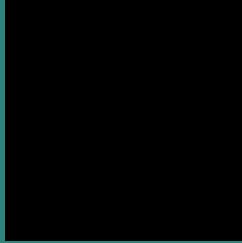
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2E857C Background



This preview shows how black text looks on a background with the Hex color 2E857C.

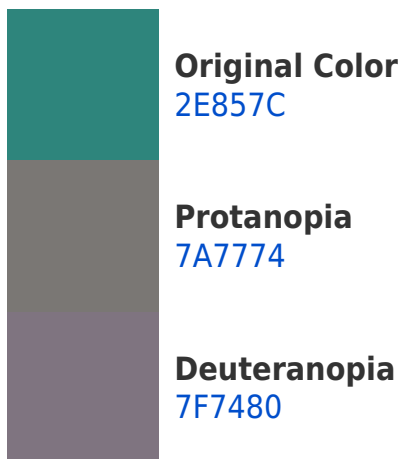



This preview shows how white text looks on a background with the Hex color 2E857C.

# 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**  
36828D

# Trichromacy



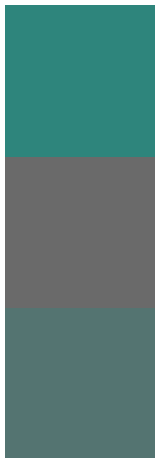
**Original Color**  
2E857C

**Protanomaly**  
5E7C77

**Deuteranomaly**  
627A7F

**Tritanomaly**  
338387

# Monochromacy



**Original Color**  
2E857C

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
547471

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E857C 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 #2E857C looks like.

```
.text, #text, p{  
    color:#2E857C  
}
```

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 #2E857C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E857C
}
```

## Border

The CSS property to change the border of an element to Hex 2E857C 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
#2E857C }
```

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

```
.border{ border-color:#2E857C }
```

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

Here you see how a box with a 4 pixel #2E857C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E857C; -webkit-box-shadow:4px 4px  
4px 4px #2E857C; box-shadow:4px 4px 4px  
4px #2E857C }
```

# Background

The CSS property to change the background color of an element to Hex 2E857C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E857C }
```

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

```
.background{ background-color:#2E857C }
```

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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