

Converting Colors

Hex(2E8A77)

Have a look what the booklet for
Hex(2E8A77) contains.

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Color

Hex(2E8A77)

Conversions

Conversions Part 1

Format	Color
Hex	2E8A77
RGB	46, 138, 119
RGB Percent	18%, 54%, 47%
CMY	0.8196, 0.4588, 0.5333
CMYK	0.67, 0.00, 0.14, 0.46
HSL	168°, 50%, 36%
HSV	168°, 67%, 54%
XYZ	13.5450, 20.0897, 20.6166
YIQ	108.3260, -48.7330, -25.4130

Conversions

Conversions Part 2

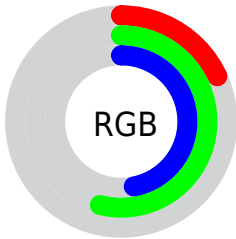
Format	Color
RYB	46, 97, 138
Decimal	3050103
CIELab	51.94, -31.67, 2.29
CIELCh	52, 31.755, 175.866
Yxy	20.0897, 0.2497, 0.3703
Android (android.graphics.Color)	4281240183 (0xFF2E8A77)
YUV	108.3260, 5.2623, -54.6599
Hunter-Lab	44.8215, -24.4954, 4.1035

Details

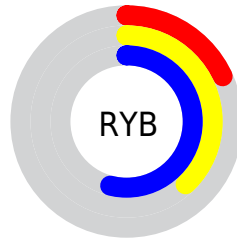
The Hex color **2E8A77** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8A2E41**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **68C0AB**, and **005747** is the 20% darker color. If you saturate the color by 10%, you get **208A74**, and if you desaturate by 10%, it is **3C8A7A**.

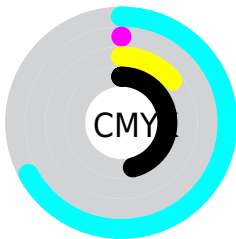
Distribution



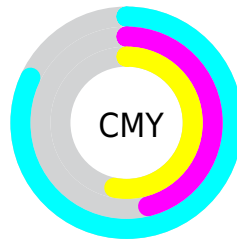
- Red (18%)
- Green (54%)
- Blue (47%)



- Red (18%)
- Yellow (38%)
- Blue (54%)



- Cyan (67%)
- Magenta (0%)
- Yellow (14%)
- Black (46%)



- Cyan (82%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E8A77 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 2E8A77 by changing the saturation by 10% instead.



2E8A77



2E8A77

FFFFFF



03705E



68C0AB



005747



83DCC6



003F30



9FF9E2



00291C



BCFFFF



000D01



D9FFFF



000000



F6FFFF



2E8A77



2E8A77



208A74



3C8A7A

■ 128A71

■ 4A8A7D

■ 058A6E

■ 578A80

■ 008A6E

■ 658A82

■ 738A85

■ 818A88

■ 8F8A8B

■ 9C8A8E

■ AA8A91

Harmonies

Analogous

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



55875C



2E8A77



008A93

Triad

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



2E8A77



7976AD



A66F50

Complementary

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



2E8A77



8A2E41

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.



B06866



2E8A77



9A6C9B

Square

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



2E8A77



4C80B2



AD6781



917945

Rectangle

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



2E8A77



0088A2



AD6781



AA6C56

Sweetspot

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



2E8A77



8FB3AB



428A2E



445955



D9D9D9



595959

Same Dimension

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



2E8A77



24B395



2E708A



3E4543



008569



000504

Inverse Universe

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



8A2E41



B32441



8A482E



453E3F



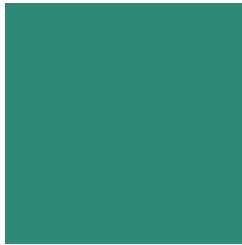
85001B



050001

Previews

White Background



This preview shows how the Hex color 2E8A77 looks on a white background.

Color Contrast Check

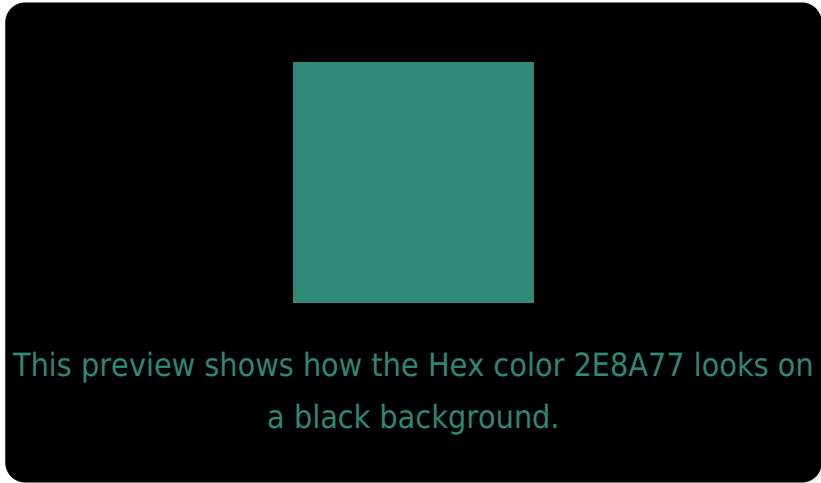
Large Text (above 18pt) WCAG AA ✓ Pass

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

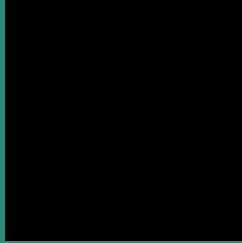
Any Text WCAG AA ✓ Pass

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 2E8A77 Background



This preview shows how black text looks on a background with the Hex color 2E8A77.

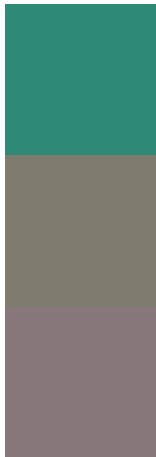


This preview shows how white text looks on a background with the Hex color 2E8A77.

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
2E8A77

Protanopia
807B6F

Deuteranopia
87777B



Tritanopia
3A8691

Trichromacy



Original Color
2E8A77



Protanomaly
628072



Deuteranomaly
677E7A



Tritanomaly
368788

Monochromacy



Original Color
2E8A77



Achromatopsia
6C6C6C



Achromatomaly
557770

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E8A77 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 #2E8A77 looks like.

```
.text, #text, p{  
    color:#2E8A77  
}
```

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 #2E8A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8A77  
}
```

Border

The CSS property to change the border of an element to Hex 2E8A77 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  
#2E8A77 }
```

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

```
.border{ border-color:#2E8A77 }
```

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

Here you see how a box with a 4 pixel #2E8A77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8A77; -webkit-box-shadow:4px 4px  
4px 4px #2E8A77; box-shadow:4px 4px 4px  
4px #2E8A77 }
```

Background

The CSS property to change the background color of an element to Hex 2E8A77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8A77 }
```

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

```
.background{ background-color:#2E8A77 }
```

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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