

Converting Colors

Hex(2E817E)

Have a look what the booklet for
Hex(2E817E) contains.

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Color

Hex(2E817E)

Conversions

Conversions Part 1

Format	Color
Hex	2E817E
RGB	46, 129, 126
RGB Percent	18%, 51%, 49%
CMY	0.8196, 0.4941, 0.5059
CMYK	0.64, 0.00, 0.02, 0.49
HSL	178°, 47%, 34%
HSV	178°, 64%, 51%
XYZ	12.7429, 17.7877, 22.5004
YIQ	103.8410, -48.5050, -18.5290

Conversions

Conversions Part 2

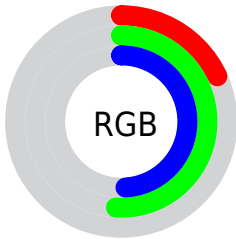
Format	Color
RYB	46, 88, 129
Decimal	3047806
CIELab	49.24, -25.29, -5.76
CIElCh	49, 25.940, 192.838
Yxy	17.7877, 0.2403, 0.3354
Android (android.graphics.Color)	4281237886 (0xFF2E817E)
YUV	103.8410, 10.9244, -50.7266
Hunter-Lab	42.1755, -19.8753, -2.1081

Details

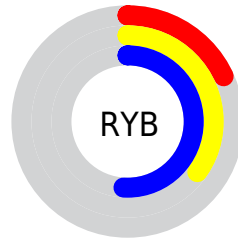
The Hex color **2E817E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **812E31**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **67B6B3**, and **004F4D** is the 20% darker color. If you saturate the color by 10%, you get **21817E**, and if you desaturate by 10%, it is **3B817E**.

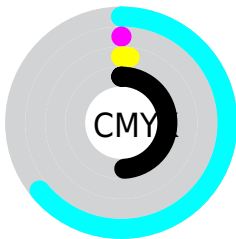
Distribution



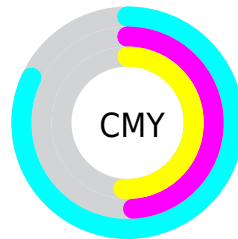
- Red (18%)
- Green (51%)
- Blue (49%)



- Red (18%)
- Yellow (35%)
- Blue (51%)



- Cyan (64%)
- Magenta (0%)
- Yellow (2%)
- Black (49%)



- Cyan (82%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E817E 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 2E817E by changing the saturation by 10% instead.



2E817E



2E817E

FFFFFF



056865



67B6B3



004F4D



82D2CE



003836



9EEEEA



002321



BBFFFF



00000B



D7FFFF



000000



F5FFFF



2E817E



2E817E



21817E



3B817E

■ 14817D

■ 48817F

■ 07817D

■ 55817F

■ 00817C

■ 628180

■ 6F8180

■ 7B8181

■ 888181

■ 958182

■ A28182

Harmonies

Analogous

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



478067



2E817E



287F92

Triad

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



2E817E



846C95



8F6F4B

Complementary

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



2E817E



812E31

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.



9D6858



2E817E



986683

Square

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



2E817E



6574A0



A0646C



7B774A

Rectangle

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



2E817E



387D9C



A0646C



946D4E

Sweetspot

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



2E817E



88A8A7



32812E



415453



D4D4D4



545454

Same Dimension

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



2E817E



27A8A4



2E5C81



394040



00807B



000000

Inverse Universe

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



812E31



A8272B



81532E



40393A



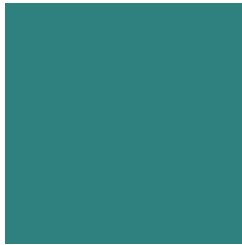
800005



000000

Previews

White Background



This preview shows how the Hex color 2E817E looks on a white background.

Color Contrast Check

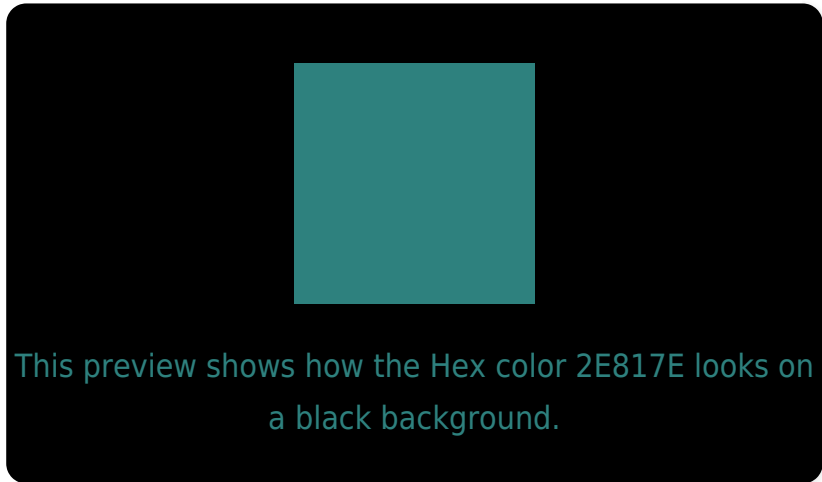
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 2E817E Background



This preview shows how black text looks on a background with the Hex color 2E817E.



This preview shows how white text looks on a background with the Hex color 2E817E.

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](#).

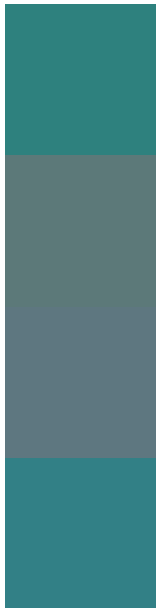
Dichromacy





Tritanopia
347F8A

Trichromacy



Original Color
2E817E

Protanomaly
5C7979

Deuteranomaly
5E7780

Tritanomaly
328086

Monochromacy



Original Color
2E817E

Achromatopsia
686868

Achromatomaly
537170

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E817E 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 #2E817E looks like.

```
.text, #text, p{  
    color:#2E817E  
}
```

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 #2E817E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E817E
}
```

Border

The CSS property to change the border of an element to Hex 2E817E 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
#2E817E }
```

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

```
.border{ border-color:#2E817E }
```

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

Here you see how a box with a 4 pixel #2E817E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E817E; -webkit-box-shadow:4px 4px  
4px 4px #2E817E; box-shadow:4px 4px 4px  
4px #2E817E }
```

Background

The CSS property to change the background color of an element to Hex 2E817E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E817E }
```

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

```
.background{ background-color:#2E817E }
```

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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