

Converting Colors

Hex(2E9E84)

Have a look what the booklet for
Hex(2E9E84) contains.

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Color

Hex(2E9E84)

Conversions

Conversions Part 1

Format	Color
Hex	2E9E84
RGB	46, 158, 132
RGB Percent	18%, 62%, 52%
CMY	0.8196, 0.3804, 0.4824
CMYK	0.71, 0.00, 0.16, 0.38
HSL	166°, 55%, 40%
HSV	166°, 71%, 62%
XYZ	17.5184, 26.7005, 26.0602
YIQ	121.5480, -58.4060, -31.8300

Conversions

Conversions Part 2

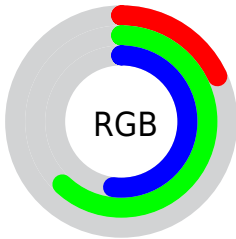
Format	Color
RYB	46, 109, 158
Decimal	3055236
CIELab	58.70, -37.42, 4.61
CIElCh	59, 37.701, 172.975
Yxy	26.7005, 0.2493, 0.3799
Android (android.graphics.Color)	4281245316 (0xFF2E9E84)
YUV	121.5480, 5.1528, -66.2556
Hunter-Lab	51.6725, -29.9104, 6.2688

Details

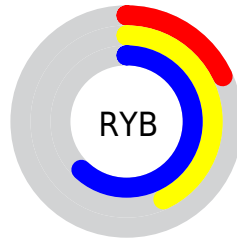
The Hex color **2E9E84** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E2E48**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6BD5B9**, and **006A53** is the 20% darker color. If you saturate the color by 10%, you get **1E9E80**, and if you desaturate by 10%, it is **3E9E88**.

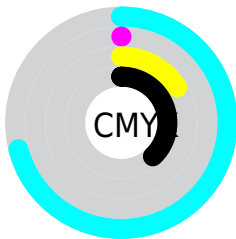
Distribution



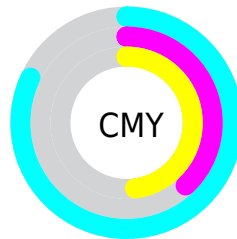
- Red (18%)
- Green (62%)
- Blue (52%)



- Red (18%)
- Yellow (43%)
- Blue (62%)



- Cyan (71%)
- Magenta (0%)
- Yellow (16%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E9E84 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 2E9E84 by changing the saturation by 10% instead.



2E9E84



2E9E84

FFFFFF



00836B



6BD5B9



006A53



88F2D5



00513C



A5FFF1



003926



C2FFFF



002511



E0FFFF



000000

FDFFFF



2E9E84



2E9E84



1E9E80



3E9E88

0E9E7D

4E9E8B

009E79

5D9E8F

6D9E93

7D9E96

8D9E9A

9D9E9E

AC9EA1

BC9EA5

Harmonies

Analogous

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



629A64



2E9E84



009EA6

Triad

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



2E9E84



8588CA



C17D5A

Complementary

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



2E9E84



9E2E48

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.



CC7475



2E9E84



AF7BB5

Square

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



2E9E84



4893CE



C77396



A9894B

Rectangle

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



2E9E84



009CB9



C77396



C67962

Sweetspot

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



2E9E84



A3CFC4



489E2E



4E6962



E8E8E8



696969

Same Dimension

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



2E9E84



1FCFA6



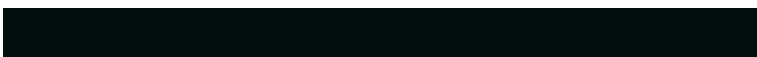
2E809E



474F4D



008F6E



000F0C

Inverse Universe

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



9E2E48



CF1F48



9E4C2E



4F4749



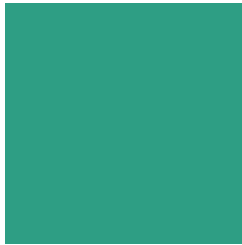
8F0021



0F0004

Previews

White Background



This preview shows how the Hex color 2E9E84 looks on a white background.

Color Contrast Check

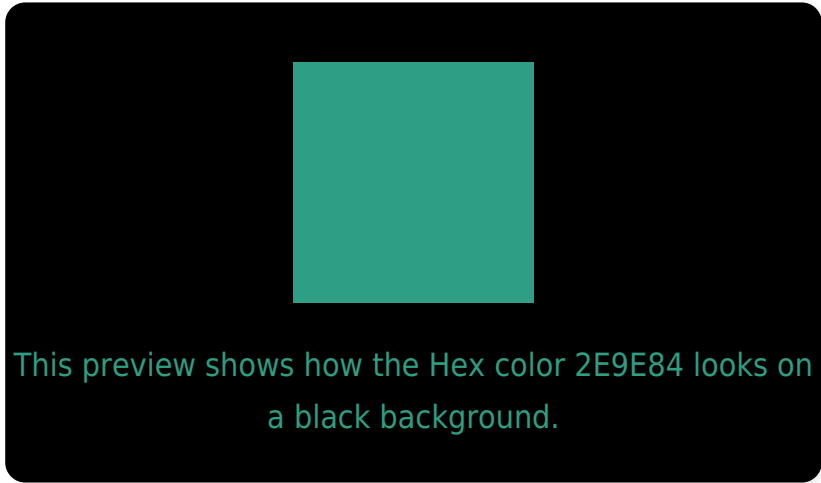
Large Text (above 18pt) WCAG AA ✓ Pass

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

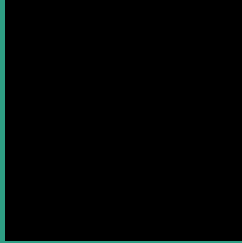
Any Text WCAG AA ✓ Pass

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 2E9E84 Background



This preview shows how black text looks on a background with the Hex color 2E9E84.

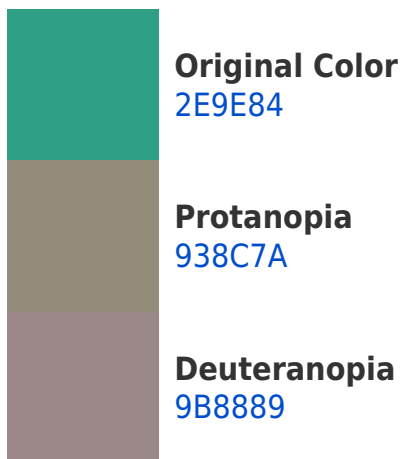


This preview shows how white text looks on a background with the Hex color 2E9E84.

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
3F99A6

Trichromacy



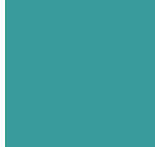
Original Color
2E9E84



Protanomaly
6E937E



Deuteranomaly
739087



Tritanomaly
399B9A

Monochromacy



Original Color
2E9E84



Achromatopsia
7A7A7A



Achromatomaly
5E877E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E9E84 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 #2E9E84 looks like.

```
.text, #text, p{  
    color:#2E9E84  
}
```

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 #2E9E84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9E84
}
```

Border

The CSS property to change the border of an element to Hex 2E9E84 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
#2E9E84 }
```

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

```
.border{ border-color:#2E9E84 }
```

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

Here you see how a box with a 4 pixel #2E9E84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9E84; -webkit-box-shadow:4px 4px  
4px 4px #2E9E84; box-shadow:4px 4px 4px  
4px #2E9E84 }
```

Background

The CSS property to change the background color of an element to Hex 2E9E84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9E84 }
```

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

```
.background{ background-color:#2E9E84 }
```

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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