

Converting Colors

Hex(2E9D90)

Have a look what the booklet for
Hex(2E9D90) contains.

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Color

Hex(2E9D90)

Conversions

Conversions Part 1

Format	Color
Hex	2E9D90
RGB	46, 157, 144
RGB Percent	18%, 62%, 56%
CMY	0.8196, 0.3843, 0.4353
CMYK	0.71, 0.00, 0.08, 0.38
HSL	173°, 55%, 40%
HSV	173°, 71%, 62%
XYZ	18.2177, 26.7084, 30.5806
YIQ	122.3290, -61.9830, -27.5750

Conversions

Conversions Part 2

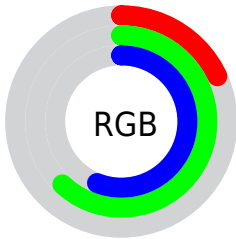
Format	Color
RYB	46, 105, 157
Decimal	3054992
CIELab	58.70, -33.71, -2.18
CIELCh	59, 33.783, 183.695
Yxy	26.7084, 0.2413, 0.3537
Android (android.graphics.Color)	4281245072 (0xFF2E9D90)
YUV	122.3290, 10.6838, -66.9405
Hunter-Lab	51.6802, -27.5174, 1.0925

Details

The Hex color **2E9D90** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9D2E3B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6CD4C6**, and **00695E** is the 20% darker color. If you saturate the color by 10%, you get **1E9D8E**, and if you desaturate by 10%, it is **3E9D92**.

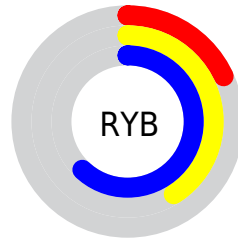
Distribution



Red (18%)

Green (62%)

Blue (56%)



Red (18%)

Yellow (41%)

Blue (62%)

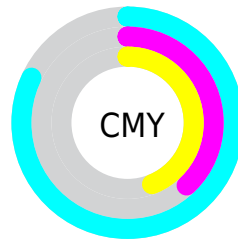


Cyan (71%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (82%)

Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E9D90 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 2E9D90 by changing the saturation by 10% instead.

 2E9D90

 2E9D90

FFFFFF

 008376

 6CD4C6

 00695E

 89F1E2

 005046

 A6FFFE

 003830

 C3FFFF

 00241B

 E1FFFF

 000000

FEFFFF

 2E9D90

 2E9D90

 1E9D8E

 3E9D92

0F9D8C

4D9D94

009D8B

5D9D96

6D9D97

7D9D99

8C9D9B

9C9D9D

AC9D9F

BB9DA1

Harmonies

Analogous

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



599B72



2E9D90



009CAD

Triad

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



2E9D90



9584BF



B68259

Complementary

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



2E9D90



9D2E3B

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.



C5796E



2E9D90



B67AA8

Square

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



2E9D90



688FC8



C5768B



9D8D51

Rectangle

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



2E9D90



1A99BC



C5768B



BC7F5F

Sweetspot

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



2E9D90



A1CCC7



3D9D2E



4D6663



E6E6E6



666666

Same Dimension

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



2E9D90



1FCCB8



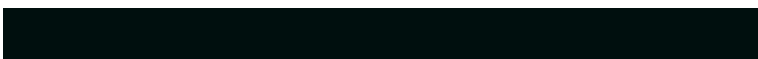
2E749D



474F4E



008F7E



000F0E

Inverse Universe

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



9D2E3B



CC1F33



9D572E



4F4748



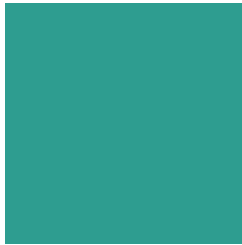
8F0011



0F0002

Previews

White Background



This preview shows how the Hex color 2E9D90 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

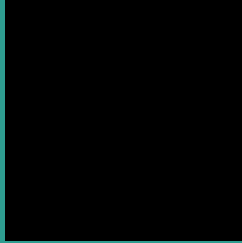
Any Text WCAG AA ✓ Pass

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 2E9D90 Background



This preview shows how black text looks on a background with the Hex color 2E9D90.

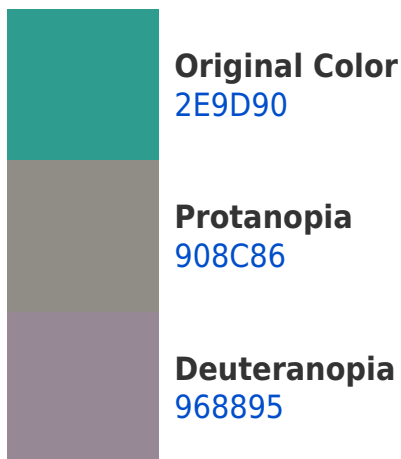


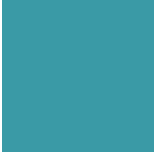
This preview shows how white text looks on a background with the Hex color 2E9D90.

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
3A9AA6

Trichromacy



Original Color
2E9D90



Protanomaly
6C928A



Deuteranomaly
709093



Tritanomaly
369B9E

Monochromacy



Original Color
2E9D90



Achromatopsia
7A7A7A



Achromatomaly
5E8782

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E9D90 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 #2E9D90 looks like.

```
.text, #text, p{  
    color:#2E9D90  
}
```

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 #2E9D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9D90
}
```

Border

The CSS property to change the border of an element to Hex 2E9D90 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
#2E9D90 }
```

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

```
.border{ border-color:#2E9D90 }
```

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

Here you see how a box with a 4 pixel #2E9D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9D90; -webkit-box-shadow:4px 4px  
4px 4px #2E9D90; box-shadow:4px 4px 4px  
4px #2E9D90 }
```

Background

The CSS property to change the background color of an element to Hex 2E9D90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9D90 }
```

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

```
.background{ background-color:#2E9D90 }
```

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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