

Converting Colors

Hex(2E9889)

Have a look what the booklet for
Hex(2E9889) contains.

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Color

Hex(2E9889)

Conversions

Conversions Part 1

Format	Color
Hex	2E9889
RGB	46, 152, 137
RGB Percent	18%, 60%, 54%
CMY	0.8196, 0.4039, 0.4627
CMYK	0.70, 0.00, 0.10, 0.40
HSL	172°, 54%, 39%
HSV	172°, 70%, 60%
XYZ	16.8703, 24.8435, 27.5730
YIQ	118.5960, -58.3610, -27.1370

Conversions

Conversions Part 2

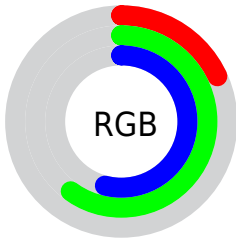
Format	Color
RYB	46, 103, 152
Decimal	3053705
CIELab	56.92, -33.33, -0.80
CIElCh	57, 33.336, 181.383
Yxy	24.8435, 0.2435, 0.3586
Android (android.graphics.Color)	4281243785 (0xFF2E9889)
YUV	118.5960, 9.0732, -63.6667
Hunter-Lab	49.8432, -26.8092, 2.0913

Details

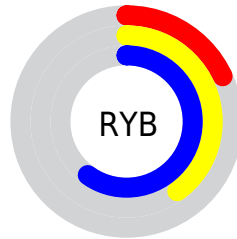
The Hex color **2E9889** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **982E3D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6BCFBE**, and **006457** is the 20% darker color. If you saturate the color by 10%, you get **1F9887**, and if you desaturate by 10%, it is **3D988B**.

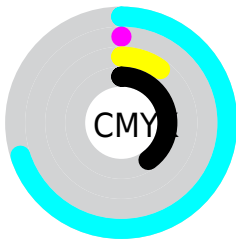
Distribution



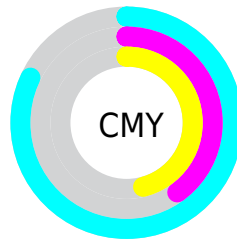
- Red (18%)
- Green (60%)
- Blue (54%)



- Red (18%)
- Yellow (40%)
- Blue (60%)



- Cyan (70%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)



- Cyan (82%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E9889 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 2E9889 by changing the saturation by 10% instead.


 2E9889

 2E9889

FFFFFF

 007E70

 6BCFBE

 006457

 87EBDA

 004C40

 A4FFF7

 00342A

 C1FFFF

 002016

 DEFFFF

 000000

 FCFFFF

 2E9889

 2E9889

 1F9887

 3D988B

■ 109885

■ 4C988D

■ 009883

■ 5C988F

■ 009882

■ 6B9892

■ 7A9894

■ 899896

■ 989898

■ A8989A

■ B7989C

Harmonies

Analogous

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



59966C



2E9889



0097A6

Triad

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



2E9889



8E81BA



B27D56

Complementary

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



2E9889



982E3D

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.



C0756C



2E9889



AE77A5

Square

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



2E9889



608BC2



BF7288



9A874E

Rectangle

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



2E9889



0D95B5



BF7288



B87A5C

Sweetspot

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



2E9889



9BC4BF



3E982E



4B6360



E3E3E3



636363

Same Dimension

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



2E9889



1FC4AD



2E7398



454D4B



008C78



000D0B

Inverse Universe

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



982E3D



C41F37



98532E



4D4546



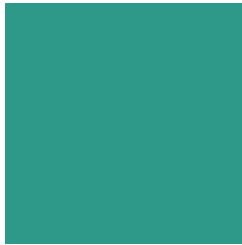
8C0014



0D0002

Previews

White Background



This preview shows how the Hex color 2E9889 looks on a white background.

Color Contrast Check

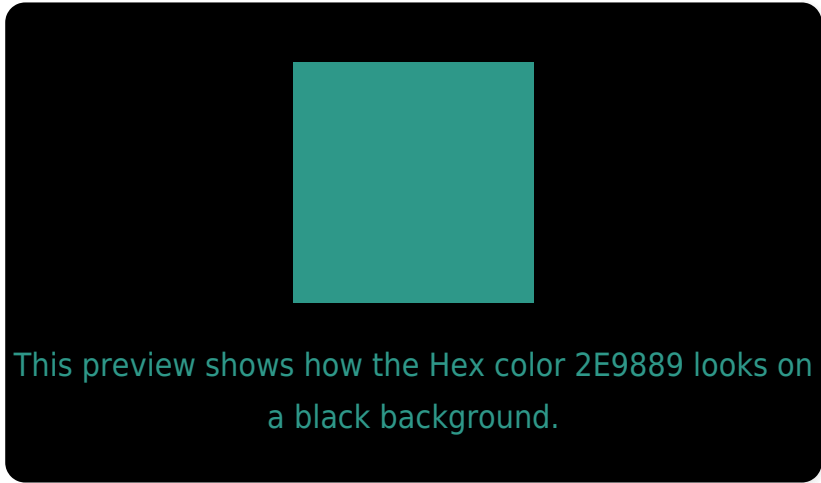
Large Text (above 18pt) WCAG AA ✓ Pass

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

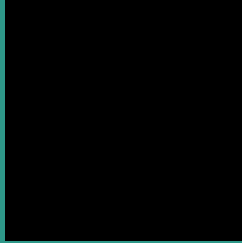
Any Text WCAG AA ✓ Pass

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 2E9889 Background



This preview shows how black text looks on a background with the Hex color 2E9889.

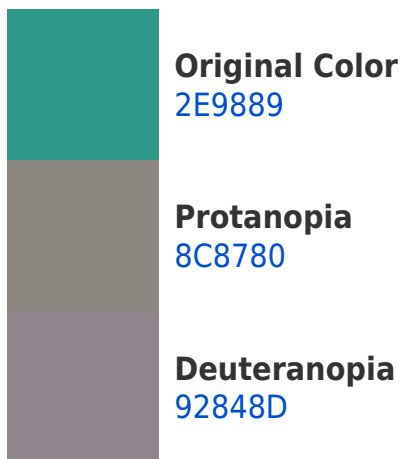


This preview shows how white text looks on a background with the Hex color 2E9889.

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
3A95A1

Trichromacy



Original Color
2E9889



Protanomaly
6A8D83



Deuteranomaly
6E8B8C



Tritanomaly
369698

Monochromacy



Original Color
2E9889



Achromatopsia
777777



Achromatomaly
5C837E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E9889 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 #2E9889 looks like.

```
.text, #text, p{  
    color:#2E9889  
}
```

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 #2E9889 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9889
}
```

Border

The CSS property to change the border of an element to Hex 2E9889 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
#2E9889 }
```

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

```
.border{ border-color:#2E9889 }
```

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

Here you see how a box with a 4 pixel #2E9889 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9889; -webkit-box-shadow:4px 4px  
4px 4px #2E9889; box-shadow:4px 4px 4px  
4px #2E9889 }
```

Background

The CSS property to change the background color of an element to Hex 2E9889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9889 }
```

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

```
.background{ background-color:#2E9889 }
```

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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