

Converting Colors

Hex(2E9991)

Have a look what the booklet for
Hex(2E9991) contains.

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Color

Hex(2E9991)

Conversions

Conversions Part 1

Format	Color
Hex	2E9991
RGB	46, 153, 145
RGB Percent	18%, 60%, 57%
CMY	0.8196, 0.4000, 0.4314
CMYK	0.70, 0.00, 0.05, 0.40
HSL	176°, 54%, 39%
HSV	176°, 70%, 60%
XYZ	17.6288, 25.4076, 30.7631
YIQ	120.0950, -61.2040, -25.1720

Conversions

Conversions Part 2

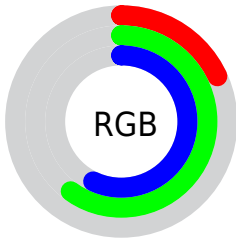
Format	Color
RYB	46, 102, 153
Decimal	3053969
CIELab	57.47, -31.54, -4.56
CIELCh	57, 31.867, 188.232
Yxy	25.4076, 0.2389, 0.3443
Android (android.graphics.Color)	4281244049 (0xFF2E9991)
YUV	120.0950, 12.2782, -64.9813
Hunter-Lab	50.4060, -25.7826, -0.9009

Details

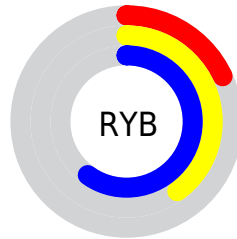
The Hex color **2E9991** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **992E36**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6CD0C7**, and **00655F** is the 20% darker color. If you saturate the color by 10%, you get **1F9990**, and if you desaturate by 10%, it is **3D9992**.

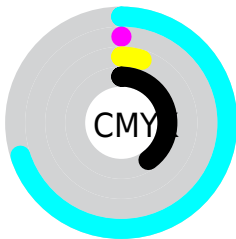
Distribution



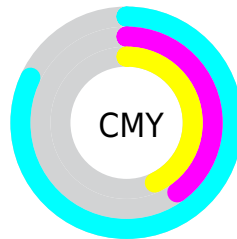
- Red (18%)
- Green (60%)
- Blue (57%)



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



- Cyan (70%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)



- Cyan (82%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E9991 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 2E9991 by changing the saturation by 10% instead.

 2E9991

 2E9991

FFFFFF

 007F77

 6CD0C7

 00655F

 88ECE3

 004D47

 A5FFFF

 003531

 C2FFFF

 00221C

 E0FFFF

 000000

FEFFFF

 2E9991

 2E9991

 1F9990

 3D9992

0F998F

4D9993

00998E

5C9994

6B9996

7B9997

8A9998

999999

A8999A

B8999B

Harmonies

Analogous

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



549774



2E9991



1697AC

Triad

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



2E9991



9780B6



AE8157

Complementary

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



2E9991



992E36

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.



BD7969



2E9991



B3779F

Square

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



2E9991



6F8AC1



C07483



958B52

Rectangle

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



2E9991



2E95B9



C07483



B47E5C

Sweetspot

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



2E9991



9DC7C4



37992E



4B6362



E3E3E3



636363

Same Dimension

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



2E9991



20C7BA



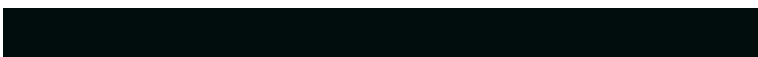
2E6C99



454D4C



008C82



000D0C

Inverse Universe

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



992E36



C7202C



995B2E



4D4545



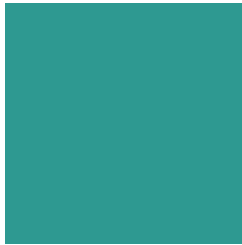
8C000A



0D0001

Previews

White Background



This preview shows how the Hex color 2E9991 looks on a white background.

Color Contrast Check

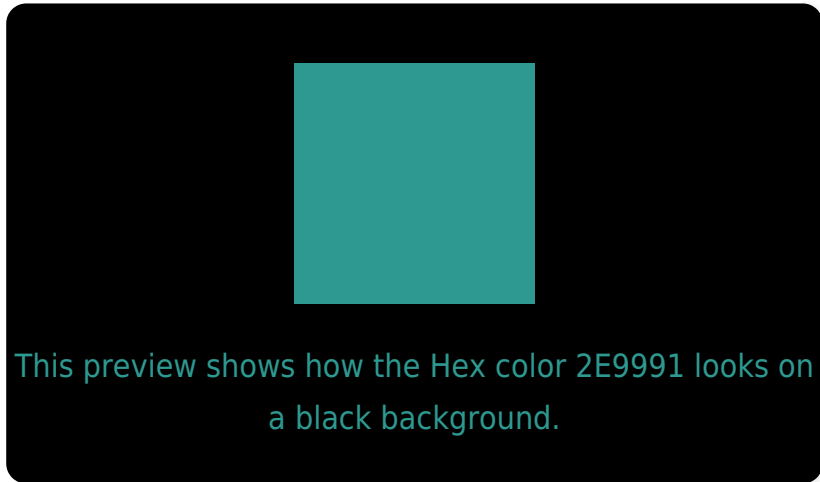
Large Text (above 18pt) WCAG AA ✓ Pass

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

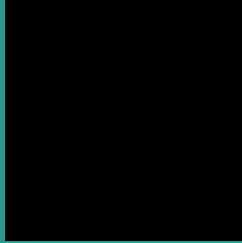
Any Text WCAG AA ✓ Pass

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 2E9991 Background



This preview shows how black text looks on a background with the Hex color 2E9991.

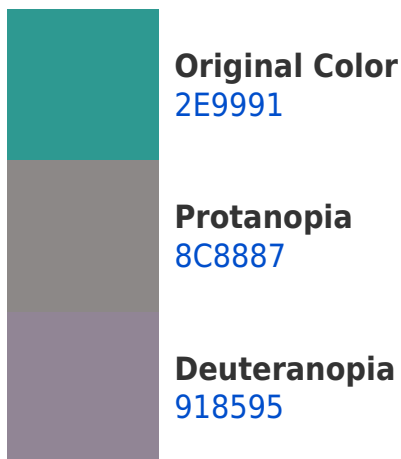


This preview shows how white text looks on a background with the Hex color 2E9991.

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
3896A3

Trichromacy



Original Color
2E9991



Protanomaly
6A8E8B



Deuteranomaly
6D8C94



Tritanomaly
34979C

Monochromacy



Original Color
2E9991



Achromatopsia
787878



Achromatomaly
5D8481

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E9991 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 #2E9991 looks like.

```
.text, #text, p{  
    color:#2E9991  
}
```

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 #2E9991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9991
}
```

Border

The CSS property to change the border of an element to Hex 2E9991 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
#2E9991 }
```

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

```
.border{ border-color:#2E9991 }
```

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

Here you see how a box with a 4 pixel #2E9991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9991; -webkit-box-shadow:4px 4px  
4px 4px #2E9991; box-shadow:4px 4px 4px  
4px #2E9991 }
```

Background

The CSS property to change the background color of an element to Hex 2E9991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9991 }
```

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

```
.background{ background-color:#2E9991 }
```

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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