

# Converting Colors

Hex(2E9995)

Have a look what the booklet for  
Hex(2E9995) contains.

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# Color

Hex(2E9995)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E9995
RGB	46, 153, 149
RGB Percent	18%, 60%, 58%
CMY	0.8196, 0.4000, 0.4157
CMYK	0.70, 0.00, 0.03, 0.40
HSL	178°, 54%, 39%
HSV	178°, 70%, 60%
XYZ	17.9428, 25.5332, 32.4165
YIQ	120.5510, -62.4880, -23.9280

# Conversions

## Conversions Part 2

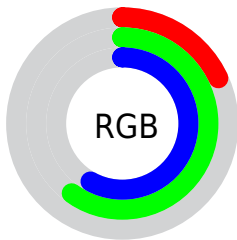
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 101, 153
Decimal	3053973
CIELab	57.59, -30.38, -6.66
CIElCh	58, 31.099, 192.375
Yxy	25.5332, 0.2364, 0.3364
Android (android.graphics.Color)	4281244053 (0xFF2E9995)
YUV	120.5510, 14.0254, -65.3812
Hunter-Lab	50.5304, -25.0450, -2.6647

# Details

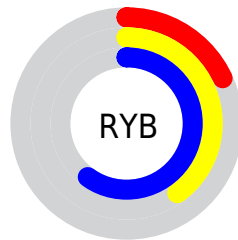
The Hex color **2E9995** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **992E32**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6CD0CB**, and **006562** is the 20% darker color. If you saturate the color by 10%, you get **1F9994**, and if you desaturate by 10%, it is **3D9996**.

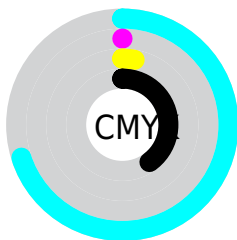
# Distribution



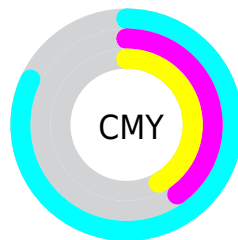
- Red (18%)
- Green (60%)
- Blue (58%)



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



- Cyan (70%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (82%)
- Magenta (40%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E9995 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 2E9995 by changing the saturation by 10% instead.



■ 2E9995

■ 2E9995

FFFFFF

■ 007F7B

■ 6CD0CB

■ 006562

■ 89ECE7

■ 004D4B

■ A6FFFF

■ 003534

■ C3FFFF

■ 00221F

■ E0FFFF

■ 000006

FEFFFF

■ 000000

■ 2E9995

■ 2E9995

■ 1F9994

■ 3D9996

0F9994

4D9996

009993

5C9997

6B9997

7B9998

8A9998

999999

A8999A

B8999A

# Harmonies

## Analogous

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



529879



2E9995



2297AE

# Triad

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



2E9995



9C7FB3



AA8357

# Complementary

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



2E9995



992E32

# 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.



BB7A67



2E9995



B5779B

# Square

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



2E9995



7689BF



C07580



918C55

# Rectangle

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



2E9995



3994BA



C07580



B1805B



# Sweetspot

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



2E9995



9DC7C5



33992E



4B6363



E3E3E3



636363



# Same Dimension

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



2E9995



20C7C1



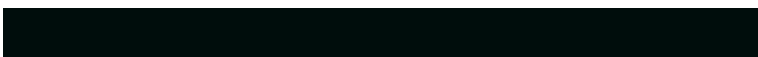
2E6999



454D4C



008C87



000D0C



# Inverse Universe

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



992E32



C72026



995E2E



4D4545



8C0005

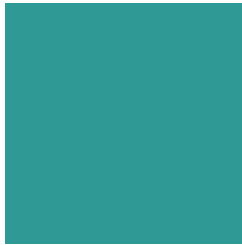


0D0000



# Previews

## White Background



This preview shows how the Hex color 2E9995 looks on a white background.

## Color Contrast Check

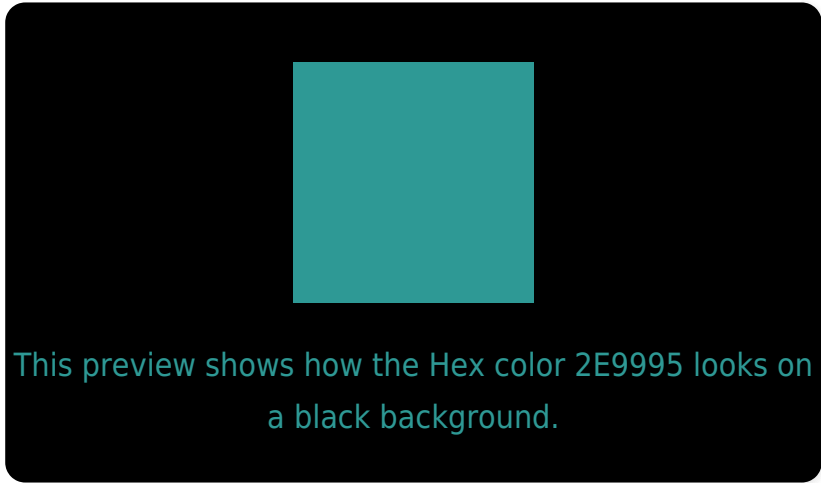
Large Text (above 18pt) WCAG AA ✓ Pass

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

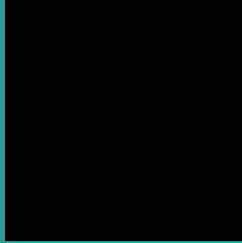
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2E9995 Background



This preview shows how black text looks on a background with the Hex color 2E9995.

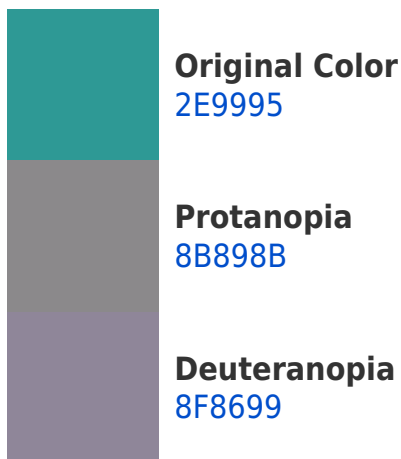


This preview shows how white text looks on a background with the Hex color 2E9995.

# 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



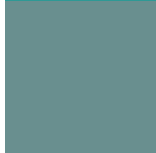


**Tritanopia**  
3697A3

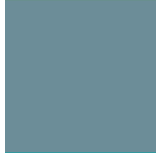
# Trichromacy



**Original Color**  
2E9995



**Protanomaly**  
698F8F



**Deuteranomaly**  
6C8D98



**Tritanomaly**  
33989E

# Monochromacy



**Original Color**  
2E9995



**Achromatopsia**  
797979



**Achromatomaly**  
5E8583

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E9995 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 #2E9995 looks like.

```
.text, #text, p{  
    color:#2E9995  
}
```

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 #2E9995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9995
}
```

## Border

The CSS property to change the border of an element to Hex 2E9995 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
#2E9995 }
```

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

```
.border{ border-color:#2E9995 }
```

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

Here you see how a box with a 4 pixel #2E9995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9995; -webkit-box-shadow:4px 4px  
4px 4px #2E9995; box-shadow:4px 4px 4px  
4px #2E9995 }
```

# Background

The CSS property to change the background color of an element to Hex 2E9995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9995 }
```

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

```
.background{ background-color:#2E9995 }
```

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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