

# Converting Colors

Hex(1EA99C)

Have a look what the booklet for  
Hex(1EA99C) contains.

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# Color

Hex(1EA99C)

# Conversions

## Conversions Part 1

Format	Color
Hex	1EA99C
RGB	30, 169, 156
RGB Percent	12%, 66%, 61%
CMY	0.8824, 0.3373, 0.3882
CMYK	0.82, 0.00, 0.08, 0.34
HSL	174°, 70%, 39%
HSV	174°, 82%, 66%
XYZ	20.7241, 31.0523, 36.3539
YIQ	125.9570, -78.6710, -33.5110

# Conversions

## Conversions Part 2

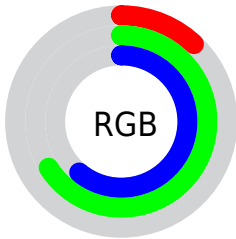
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 103, 169
Decimal	2009500
CIELab	62.55, -37.64, -3.31
CIElCh	63, 37.789, 185.031
Yxy	31.0523, 0.2352, 0.3523
Android (android.graphics.Color)	4280199580 (0xFF1EA99C)
YUV	125.9570, 14.8112, -84.1543
Hunter-Lab	55.7245, -31.1332, 0.3272

# Details

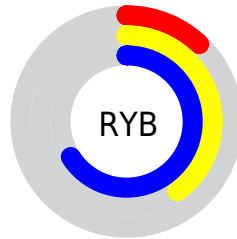
The Hex color **1EA99C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A91E2B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **67E1D2**, and **007469** is the 20% darker color. If you saturate the color by 10%, you get **0DA99A**, and if you desaturate by 10%, it is **2FA99E**.

# Distribution



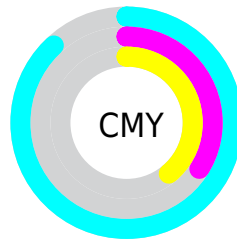
- Red (12%)
- Green (66%)
- Blue (61%)



- Red (12%)
- Yellow (40%)
- Blue (66%)



- Cyan (82%)
- Magenta (0%)
- Yellow (8%)
- Black (34%)



- Cyan (88%)
- Magenta (34%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1EA99C 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 1EA99C by changing the saturation by 10% instead.



 1EA99C

 1EA99C

FFFFFF

 008E82

 67E1D2

 007469

 85FEEF

 005B51

 A3FFFF

 00423A

 C0FFFF

 002C24

 DEFFFF

 001110

FDFFFF

 000000

 1EA99C

 1EA99C

 0DA99A

 2FA99E

■ 00A999

■ 40A99F

■ 51A9A1

■ 62A9A2

■ 72A9A4

■ 83A9A5

■ 94A9A7

■ A5A9A9

■ B6A9AA

# Harmonies

## Analogous

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



5AA77A



1EA99C



00A8BD

# Triad

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



1EA99C



A28CCE



C48B5B

# Complementary

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



1EA99C



A91E2B

# 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.



D58172



1EA99C



C681B4

# Square

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



1EA99C



6E99DA



D77C93



A79753

# Rectangle

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



1EA99C



00A5CD



D77C93



CB8861



# Sweetspot

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



1EA99C



A4DBD6



2CA91E



4D6E6B



EDEDED



6E6E6E

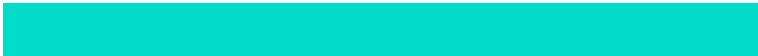


# Same Dimension

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



1EA99C



02DBC7



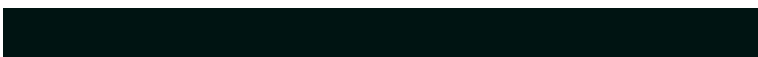
1E71A9



4C5453



009486



001412



# Inverse Universe

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



A91E2B



DB0216



A9561E



544C4D



94000E

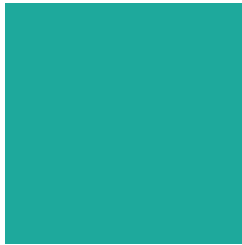


140002



# Previews

## White Background



This preview shows how the Hex color 1EA99C looks on a white background.

## Color Contrast Check

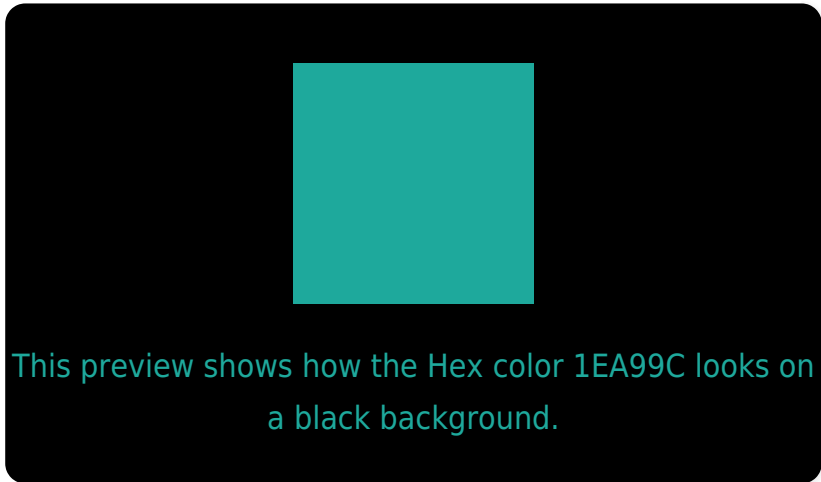
Large Text (above 18pt) WCAG AA × Fail

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

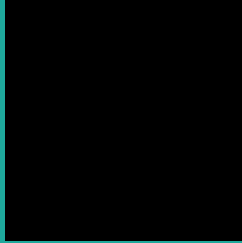
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1EA99C Background



This preview shows how black text looks on a background with the Hex color 1EA99C.

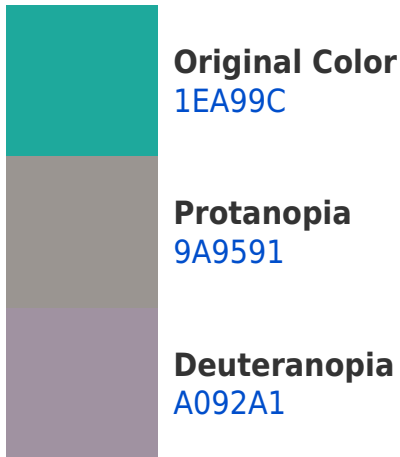


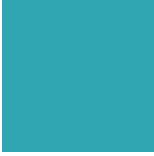
This preview shows how white text looks on a background with the Hex color 1EA99C.

# 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



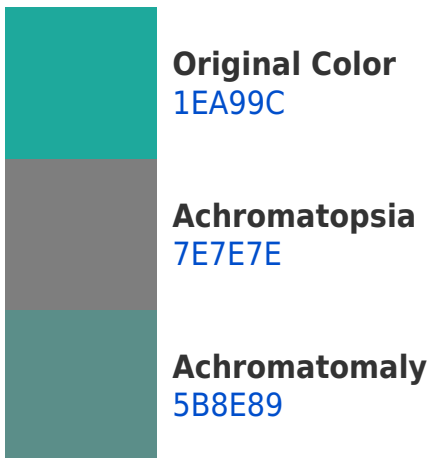


**Tritanopia**  
31A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1EA99C 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 #1EA99C looks like.

```
.text, #text, p{  
    color:#1EA99C  
}
```

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 #1EA99C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EA99C
}
```

## Border

The CSS property to change the border of an element to Hex 1EA99C 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
#1EA99C }
```

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

```
.border{ border-color:#1EA99C }
```

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

Here you see how a box with a 4 pixel #1EA99C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EA99C; -webkit-box-shadow:4px 4px  
4px 4px #1EA99C; box-shadow:4px 4px 4px  
4px #1EA99C }
```

# Background

The CSS property to change the background color of an element to Hex 1EA99C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EA99C }
```

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

```
.background{ background-color:#1EA99C }
```

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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