

# Converting Colors

Hex(1EA59C)

Have a look what the booklet for  
Hex(1EA59C) contains.

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**Color**

**Hex(1EA59C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1EA59C
RGB	30, 165, 156
RGB Percent	12%, 65%, 61%
CMY	0.8824, 0.3529, 0.3882
CMYK	0.82, 0.00, 0.05, 0.35
HSL	176°, 69%, 38%
HSV	176°, 82%, 65%
XYZ	19.9913, 29.5866, 36.1096
YIQ	123.6090, -77.5710, -31.4190

# Conversions

## Conversions Part 2

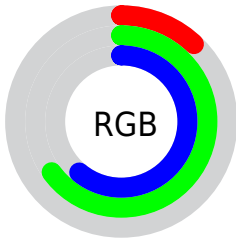
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 100, 165
Decimal	2008476
CIE <sub>Lab</sub>	61.30, -35.82, -5.17
CIE <sub>LCh</sub>	61, 36.191, 188.210
Yxy	29.5866, 0.2333, 0.3453
Android (android.graphics.Color)	4280198556 (0xFF1EA59C)
YUV	123.6090, 15.9688, -82.0951
Hunter-Lab	54.3936, -29.5845, -1.2847

# Details

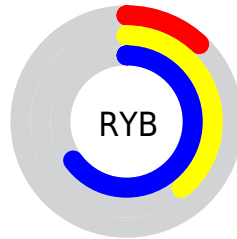
The Hex color **1EA59C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A51E27**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **66DDD2**, and **007069** is the 20% darker color. If you saturate the color by 10%, you get **0EA59B**, and if you desaturate by 10%, it is **2FA59D**.

# Distribution



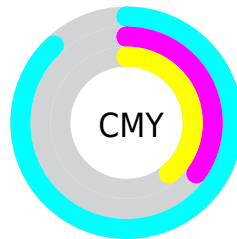
- Red (12%)
- Green (65%)
- Blue (61%)



- Red (12%)
- Yellow (39%)
- Blue (65%)



- Cyan (82%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)



- Cyan (88%)
- Magenta (35%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1EA59C 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 1EA59C by changing the saturation by 10% instead.



 1EA59C

 1EA59C

FFFFFF

 008A82

 66DDD2

 007069

 84F9EF

 005751

 A2FFFF

 003F3A

 BFFFFFF

 002924

 DDDFFF

 000A10

 FFFFFFF

 000000

 1EA59C

 1EA59C

 0EA59B

 2FA59D

■ 00A59A

■ 3FA59E

■ 50A59F

■ 60A5A0

■ 71A5A1

■ 81A5A3

■ 92A5A4

■ A2A5A5

■ B2A5A6

# Harmonies

## Analogous

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



55A37B



1EA59C



00A3BB

# Triad

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



1EA59C



A388C6



BC8A59

# Complementary

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



1EA59C



A51E27

# 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.



CE806E



1EA59C



C37EAC

# Square

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



1EA59C



7394D3



D17B8C



A09554

# Rectangle

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



1EA59C



18A0CA



D17B8C



C4865E



# Sweetspot

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



1EA59C



A1D6D3



27A51E



4B6B69



EBEBEB



6B6B6B



# Same Dimension

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



1EA59C



04D6C8



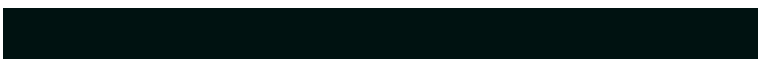
1E6BA5



495251



009188



001211



# Inverse Universe

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



A51E27



D60412



A5591E



52494A



91000A



120001



# Previews

## White Background



This preview shows how the Hex color 1EA59C looks on a white background.

## Color Contrast Check

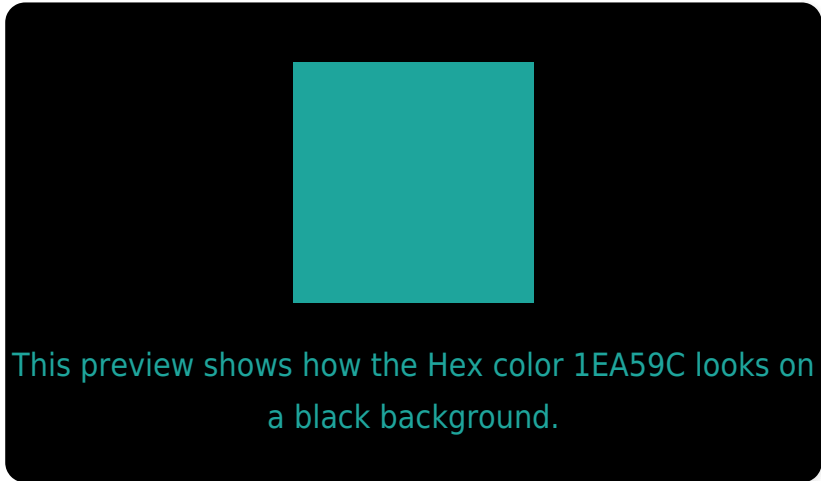
Large Text (above 18pt) WCAG AA ✓ Pass

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

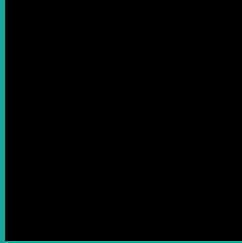
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1EA59C Background



This preview shows how black text looks on a background with the Hex color 1EA59C.

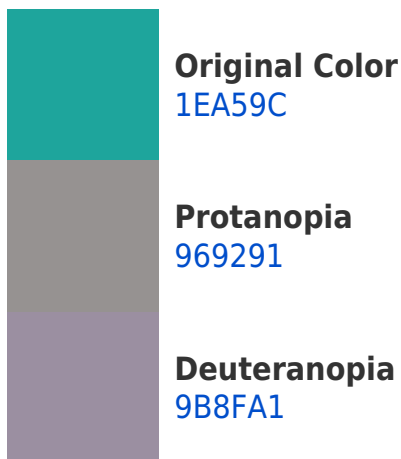


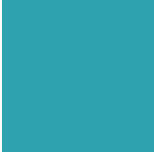
This preview shows how white text looks on a background with the Hex color 1EA59C.

# 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](#).

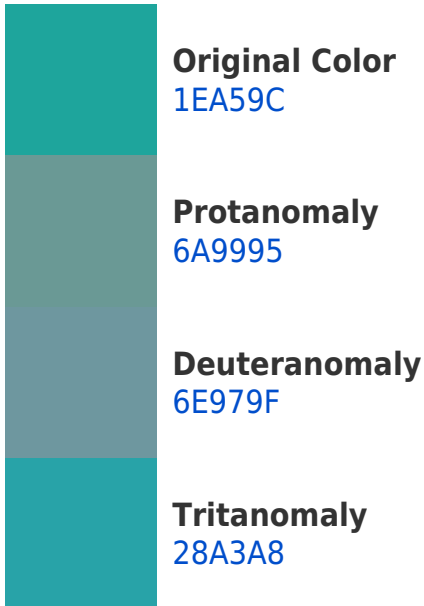
## Dichromacy



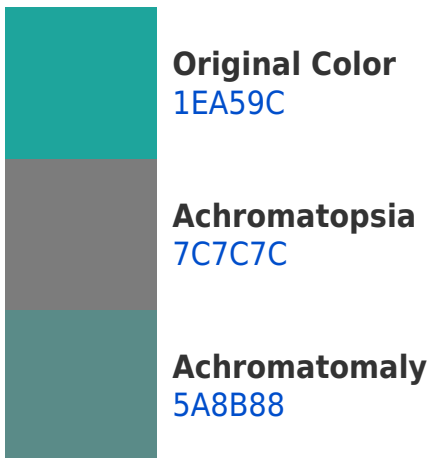


**Tritanopia**  
2EA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1EA59C 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 #1EA59C looks like.

```
.text, #text, p{  
    color:#1EA59C  
}
```

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 #1EA59C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EA59C
}
```

## Border

The CSS property to change the border of an element to Hex 1EA59C 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
#1EA59C }
```

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

```
.border{ border-color:#1EA59C }
```

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

Here you see how a box with a 4 pixel #1EA59C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EA59C; -webkit-box-shadow:4px 4px  
4px 4px #1EA59C; box-shadow:4px 4px 4px  
4px #1EA59C }
```

# Background

The CSS property to change the background color of an element to Hex 1EA59C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EA59C }
```

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

```
.background{ background-color:#1EA59C }
```

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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