

# Converting Colors

Hex(129C9C)

Have a look what the booklet for  
Hex(129C9C) contains.

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**Color**

**Hex(129C9C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	129C9C
RGB	18, 156, 156
RGB Percent	7%, 61%, 61%
CMY	0.9294, 0.3882, 0.3882
CMYK	0.88, 0.00, 0.00, 0.39
HSL	180°, 79%, 34%
HSV	180°, 88%, 61%
XYZ	18.1387, 26.3058, 35.5740
YIQ	114.7380, -82.2480, -29.2560

# Conversions

## Conversions Part 2

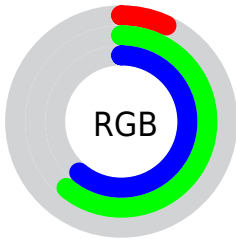
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 87, 156
Decimal	1219740
CIE <sub>Lab</sub>	58.33, -32.50, -9.60
CIE <sub>LCh</sub>	58, 33.892, 196.454
Yxy	26.3058, 0.2267, 0.3287
Android (android.graphics.Color)	4279409820 (0xFF129C9C)
YUV	114.7380, 20.3422, -84.8392
Hunter-Lab	51.2892, -26.6288, -5.2209

# Details

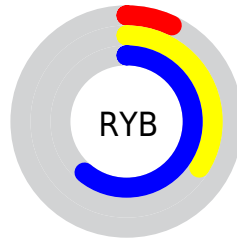
The Hex color **129C9C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9C1212**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **60D3D2**, and **006869** is the 20% darker color. If you saturate the color by 10%, you get **029C9C**, and if you desaturate by 10%, it is **229C9C**.

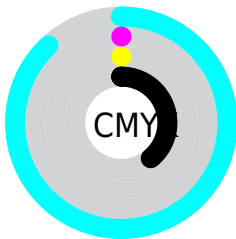
# Distribution



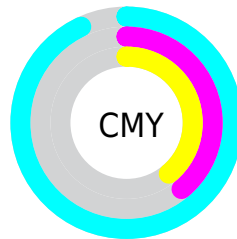
- Red (7%)
- Green (61%)
- Blue (61%)



- Red (7%)
- Yellow (34%)
- Blue (61%)



- Cyan (88%)
- Magenta (0%)
- Yellow (0%)
- Black (39%)



- Cyan (93%)
- Magenta (39%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 129C9C 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 129C9C by changing the saturation by 10% instead.



 129C9C

 129C9C

FFFFFF

 008282

 60D3D2

 006869

 7EF0EF

 004F51


 9CFFFF

 00383A

 BAF0FF

 002424

 D7FFFF

 00010F

 F6FFFF

 000000

 129C9C

 129C9C

 029C9C

 229C9C

009C9C

319C9C

419C9C

509C9C

609C9C

709C9C

7F9C9C

8F9C9C

9E9C9C

# Harmonies

## Analogous

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



479B7D



129C9C



0099B6

# Triad

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



129C9C



A47FB5



AB8653

# Complementary

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



129C9C



9C1212

# 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.



BF7C62



129C9C



BD769B

# Square

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



129C9C



7B8AC5



C6757D



8F9052

# Rectangle

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



129C9C



3396C2



C6757D



B38256



# Sweetspot

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



129C9C



95CCCC



129C12



456666



E6E6E6



666666



# Same Dimension

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



129C9C



00CCCC



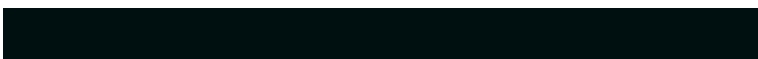
12579C



474F4F



008F8F



000F0F



# Inverse Universe

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



9C129C



CC00CC



9C5712



4F474F



8F008F



0F000F



# Previews

## White Background



This preview shows how the Hex color 129C9C looks on a white background.

## Color Contrast Check

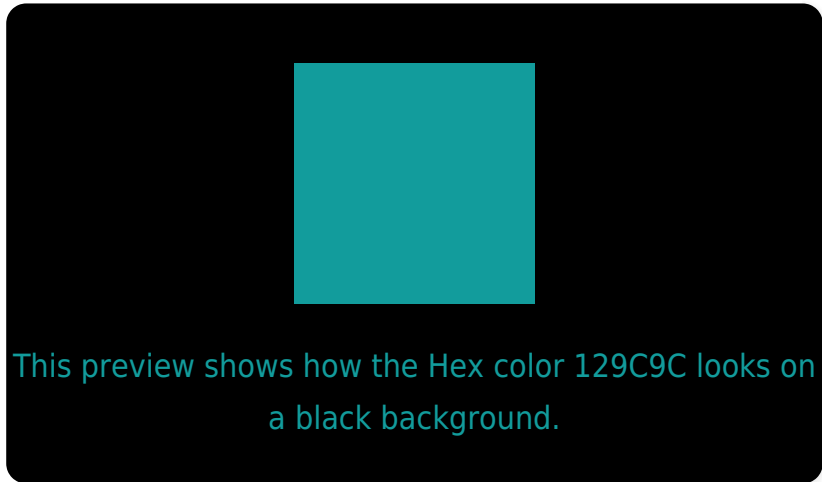
Large Text (above 18pt) WCAG AA ✓ Pass

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

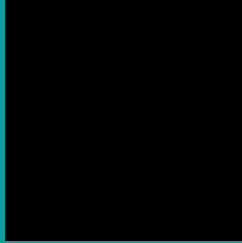
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 129C9C Background



This preview shows how black text looks on a background with the Hex color 129C9C.

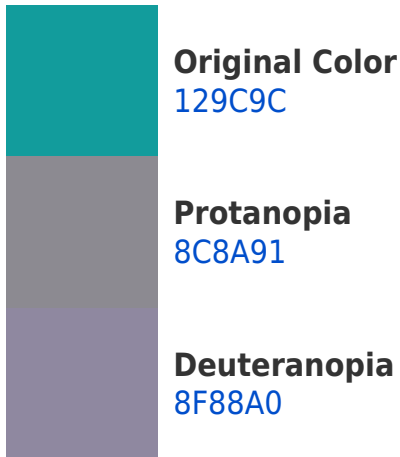


This preview shows how white text looks on a background with the Hex color 129C9C.

# 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**  
219AA7

# Trichromacy



**Original Color**  
129C9C



**Protanomaly**  
609195



**Deuteranomaly**  
628F9F



**Tritanomaly**  
1C9BA3

# Monochromacy



**Original Color**  
129C9C



**Achromatopsia**  
737373



**Achromatomaly**  
508282

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 129C9C 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 #129C9C looks like.

```
.text, #text, p{  
    color:#129C9C  
}
```

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 #129C9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #129C9C
}
```

## Border

The CSS property to change the border of an element to Hex 129C9C 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
#129C9C }
```

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

```
.border{ border-color:#129C9C }
```

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

Here you see how a box with a 4 pixel #129C9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #129C9C; -webkit-box-shadow:4px 4px  
4px 4px #129C9C; box-shadow:4px 4px 4px  
4px #129C9C }
```

# Background

The CSS property to change the background color of an element to Hex 129C9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#129C9C }
```

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

```
.background{ background-color:#129C9C }
```

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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