

# Converting Colors

Hex(129D9D)

Have a look what the booklet for  
Hex(129D9D) contains.

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# Color

Hex(129D9D)

# Conversions

## Conversions Part 1

Format	Color
Hex	129D9D
RGB	18, 157, 157
RGB Percent	7%, 62%, 62%
CMY	0.9294, 0.3843, 0.3843
CMYK	0.89, 0.00, 0.00, 0.38
HSL	180°, 79%, 34%
HSV	180°, 89%, 62%
XYZ	18.3922, 26.6769, 36.0781
YIQ	115.4390, -82.8440, -29.4680

# Conversions

## Conversions Part 2

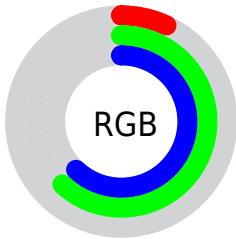
Format	Color
R <sub>YB</sub>	18, 88, 157
Decimal	1219997
CIE Lab	58.67, -32.67, -9.65
CIE LCh	59, 34.063, 196.453
Yxy	26.6769, 0.2267, 0.3287
Android (android.graphics.Color)	4279410077 (0xFF129D9D)
YUV	115.4390, 20.4896, -85.4540
Hunter-Lab	51.6496, -26.8238, -5.2602

# Details

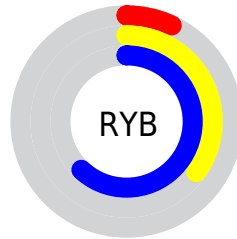
The Hex color **129D9D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9D1212**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **60D4D3**, and **00696A** is the 20% darker color. If you saturate the color by 10%, you get **029D9D**, and if you desaturate by 10%, it is **229D9D**.

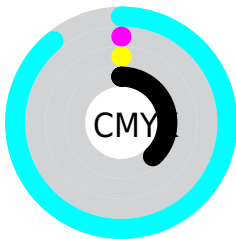
# Distribution



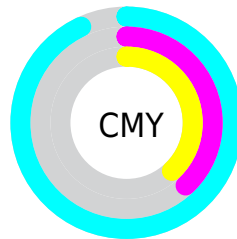
- Red (7%)
- Green (62%)
- Blue (62%)



- Red (7%)
- Yellow (35%)
- Blue (62%)



- Cyan (89%)
- Magenta (0%)
- Yellow (0%)
- Black (38%)



- Cyan (93%)
- Magenta (38%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 129D9D 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 129D9D by changing the saturation by 10% instead.



 129D9D

 129D9D

FFFFFF

 008383

 60D4D3

 00696A

 7FF1F0

 005052

 9CFFFF

 00393B

 BAAAAA

 002425

 D8FFFF

 000111

 F6FFFF

 000000

 129D9D

 129D9D

 029D9D

 229D9D

■ 009D9D

■ 319D9D

■ 419D9D

■ 519D9D

■ 619D9D

■ 709D9D

■ 809D9D

■ 909D9D

■ 9F9D9D

# Harmonies

## Analogous

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



479C7E



129D9D



009AB8

# Triad

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



129D9D



A57FB6



AC8753

# Complementary

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



129D9D



9D1212

# 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.



C07D63



129D9D



BF779C

# Square

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



129D9D



7C8AC6



C7767E



909153

# Rectangle

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



129D9D



3497C3



C7767E



B48357



# Sweetspot

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



129D9D



95CCCC



129D12



456666



E6E6E6



666666

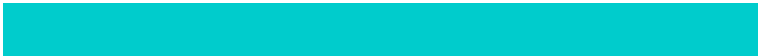


# Same Dimension

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



129D9D



00CCCC



12589D



474F4F



008F8F



000F0F



# Inverse Universe

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



9D129D



CC00CC



9D5812



4F474F



8F008F

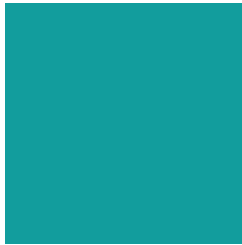


0F000F



# Previews

## White Background



This preview shows how the Hex color 129D9D 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



This preview shows how the Hex color 129D9D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

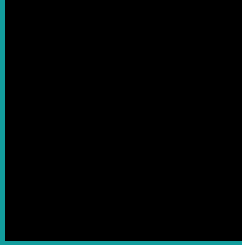
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 129D9D Background



This preview shows how black text looks on a background with the Hex color 129D9D.

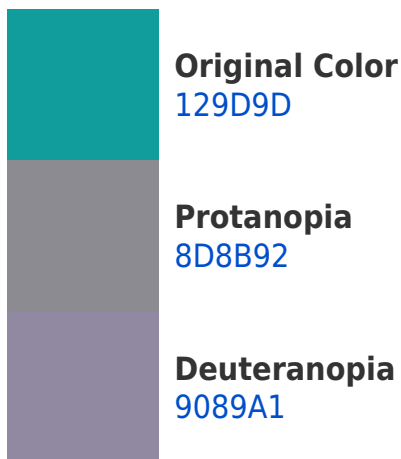


This preview shows how white text looks on a background with the Hex color 129D9D.

# 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](#).

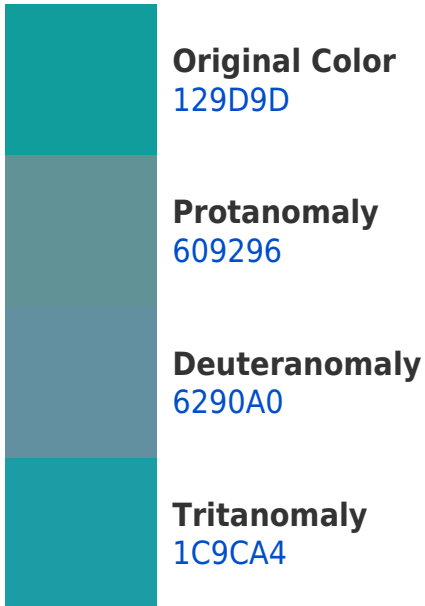
## Dichromacy



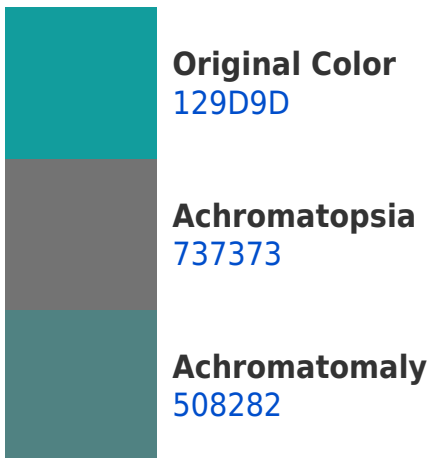


**Tritanopia**  
219BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 129D9D 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 #129D9D looks like.

```
.text, #text, p{  
    color:#129D9D  
}
```

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 #129D9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #129D9D
}
```

## Border

The CSS property to change the border of an element to Hex 129D9D 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
#129D9D }
```

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

```
.border{ border-color:#129D9D }
```

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

Here you see how a box with a 4 pixel #129D9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #129D9D; -webkit-box-shadow:4px 4px  
4px 4px #129D9D; box-shadow:4px 4px 4px  
4px #129D9D }
```

# Background

The CSS property to change the background color of an element to Hex 129D9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#129D9D }
```

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

```
.background{ background-color:#129D9D }
```

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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