

# Converting Colors

Hex(199CAC)

Have a look what the booklet for  
Hex(199CAC) contains.

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**Color**

**Hex(199CAC)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 199CAC                       |
| RGB         | 25, 156, 172                 |
| RGB Percent | 10%, 61%, 67%                |
| CMY         | 0.9020, 0.3882, 0.3255       |
| CMYK        | 0.85, 0.09, 0.00, 0.33       |
| HSL         | 187°, 75%, 39%               |
| HSV         | 187°, 85%, 67%               |
| XYZ         | 19.7358, 26.9622, 43.1938    |
| YIQ         | 118.6550, -83.2120, -22.7960 |

# Conversions

## Conversions Part 2

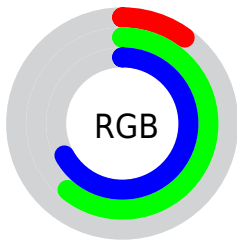
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 25, 94, 172                    |
| Decimal                             | 1678508                        |
| CIE <sub>Lab</sub>                  | 58.94, -26.93, -17.75          |
| CIE <sub>LCh</sub>                  | 59, 32.257, 213.384            |
| Yxy                                 | 26.9622, 0.2196,<br>0.2999     |
| Android<br>(android.graphics.Color) | 4279868588<br>(0xFF199CAC)     |
| YUV                                 | 118.6550, 26.2991,<br>-82.1354 |
| Hunter-Lab                          | 51.9251, -23.0244,<br>-12.9727 |

# Details

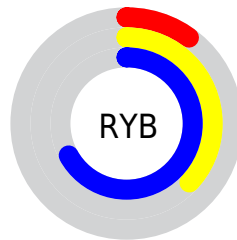
The Hex color **199CAC** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AC2919**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **64D3E3**, and **006878** is the 20% darker color. If you saturate the color by 10%, you get **089AAC**, and if you desaturate by 10%, it is **2A9EAC**.

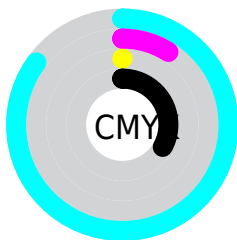
# Distribution



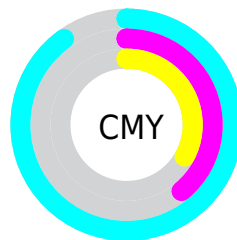
- Red (10%)
- Green (61%)
- Blue (67%)



- Red (10%)
- Yellow (37%)
- Blue (67%)



- Cyan (85%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)



- Cyan (90%)
- Magenta (39%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 199CAC 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 199CAC by changing the saturation by 10% instead.



 199CAC

 199CAC

FFFFFF

 008291

 64D3E3

 006878

 83EFFF

 00505F

 A1FFFF

 003847

 BFFFFF

 002331

 DDFFFF

 00021C

 FBFFFF

 000000

 199CAC

 199CAC

 089AAC

 2A9EAC

0099AC

3BA0AC

4DA2AC

5EA3AC

6FA5AC

80A7AC

91A9AC

A3ABAC

B4ADAC

# Harmonies

## Analogous

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



379D90



199CAC



3997C0

# Triad

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



199CAC



B47CA8



9D8D55

# Complementary

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



199CAC



AC2919

# 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.



B5835C



199CAC



C4788C

# Square

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



199CAC



9585BD



C37B70



7F955E

# Rectangle

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



199CAC



5A93C6



C37B70



A68A55



# Sweetspot

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



199CAC



A6DAE0



19AC28



4D6C70



F0F0F0



707070



# Same Dimension

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



199CAC



00C8E0



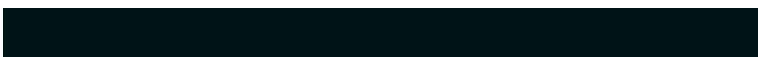
1954AC



4E5657



008696



001417



# Inverse Universe

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



AC199C



E000C8



AC7119



574E56



960086



170014



# Previews

## White Background



This preview shows how the Hex color 199CAC looks on a white background.

## Color Contrast Check

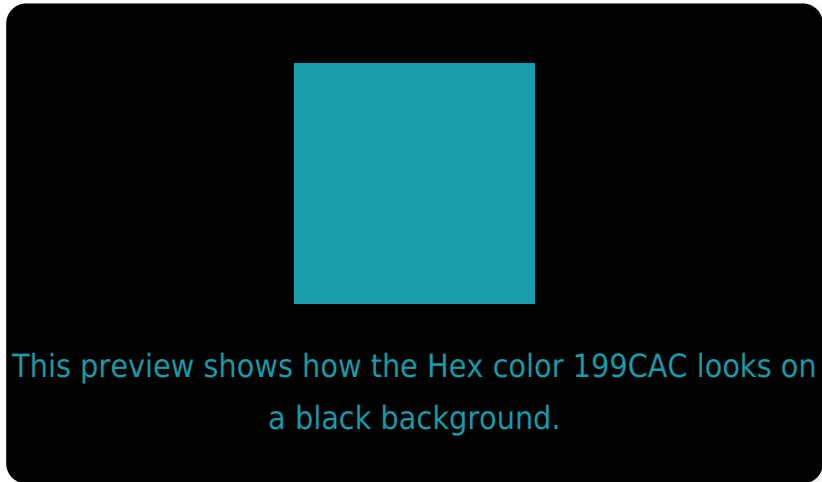
Large Text (above 18pt) WCAG AA ✓ Pass

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

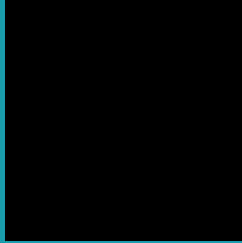
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 199CAC Background



This preview shows how black text looks on a background with the Hex color 199CAC.

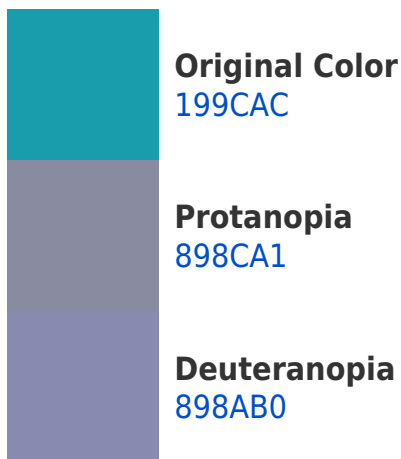


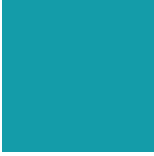
This preview shows how white text looks on a background with the Hex color 199CAC.

# 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](#).

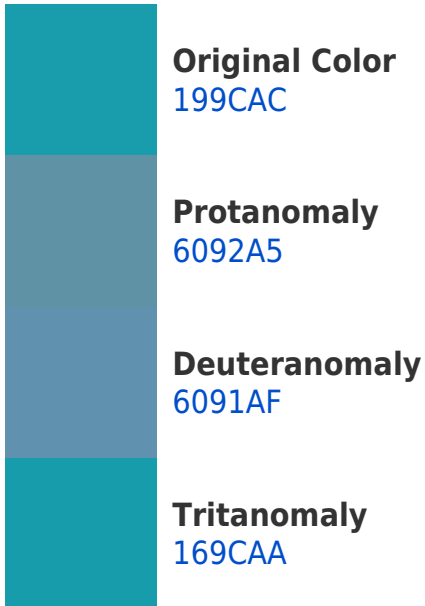
## Dichromacy





**Tritanopia**  
149CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 199CAC 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 #199CAC looks like.

```
.text, #text, p{  
    color:#199CAC  
}
```

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 #199CAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #199CAC
}
```

## Border

The CSS property to change the border of an element to Hex 199CAC 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
#199CAC }
```

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

```
.border{ border-color:#199CAC }
```

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

Here you see how a box with a 4 pixel #199CAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #199CAC; -webkit-box-shadow:4px 4px  
4px 4px #199CAC; box-shadow:4px 4px 4px  
4px #199CAC }
```

# Background

The CSS property to change the background color of an element to Hex 199CAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#199CAC }
```

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

```
.background{ background-color:#199CAC }
```

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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