

# Converting Colors

Hex(1199C6)

Have a look what the booklet for  
Hex(1199C6) contains.

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# Color

Hex(1199C6)

# Conversions

## Conversions Part 1

Format	Color
Hex	1199C6
RGB	17, 153, 198
RGB Percent	7%, 60%, 78%
CMY	0.9333, 0.4000, 0.2235
CMYK	0.91, 0.23, 0.00, 0.22
HSL	195°, 84%, 42%
HSV	195°, 91%, 78%
XYZ	21.8154, 26.9789, 57.4837
YIQ	117.4660, -95.5010, -14.8370

# Conversions

## Conversions Part 2

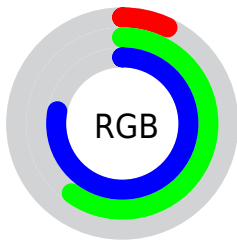
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 95, 198
Decimal	1153478
CIELab	58.95, -16.95, -32.41
CIELCh	59, 36.574, 242.397
Yxy	26.9789, 0.2053, 0.2539
Android (android.graphics.Color)	4279343558 (0xFF1199C6)
YUV	117.4660, 39.7033, -88.1087
Hunter-Lab	51.9412, -15.9265, -29.2579

# Details

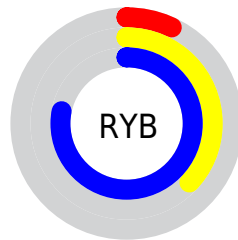
The Hex color **1199C6** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C63E11**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **66CFFF**, and **006690** is the 20% darker color. If you saturate the color by 10%, you get **0095C6**, and if you desaturate by 10%, it is **259EC6**.

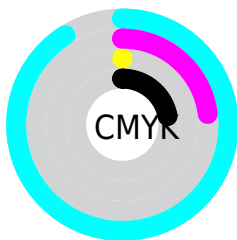
# Distribution



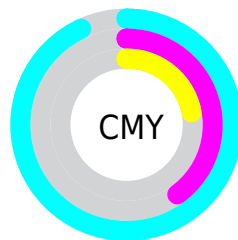
- Red (7%)
- Green (60%)
- Blue (78%)



- Red (7%)
- Yellow (37%)
- Blue (78%)



- Cyan (91%)
- Magenta (23%)
- Yellow (0%)
- Black (22%)



- Cyan (93%)
- Magenta (40%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1199C6 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 1199C6 by changing the saturation by 10% instead.



■ 1199C6

■ 1199C6

FFFFFF

■ 007FAB

■ 66CFFF

■ 006690

■ 86ECFF

■ 004E76

■ A4FFFF

■ 00375D

■ C3FFFF

■ 002245

■ E1FFFF

■ 00042F

■ 000119

■ 000000

■ 1199C6

■ 1199C6

■ 0095C6

■ 259EC6

■ 39A3C6

■ 4CA8C6

■ 60ADC6

■ 74B2C6

■ 88B7C6

■ 9CBBC6

■ AFC0C6

■ C3C5C6

# Harmonies

## Analogous

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



009EAF



1199C6



6190CE

# Triad

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



1199C6



CA748C



7E9656

# Complementary

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



1199C6



C63E11

# 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.



A08D4D



1199C6



CA786D

# Square

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



1199C6



B879AC



BA8256



579C6F

# Rectangle

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



1199C6



8589C9



BA8256



8A9351

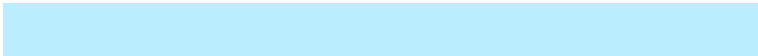


# Sweetspot

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



1199C6



BAEFFF



11C63B



577580



000000



808080



# Same Dimension

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



1199C6



00C0FF



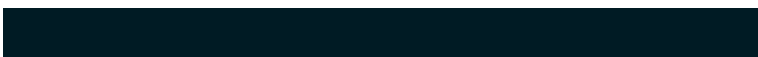
1141C6



5A6163



007BA3



001B24



# Inverse Universe

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



C61199



FF00C0



C69611



635A61



A3007B



24001B



# Previews

## White Background



This preview shows how the Hex color 1199C6 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 1199C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

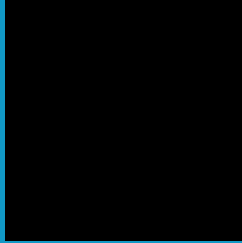
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1199C6 Background



This preview shows how black text looks on a background with the Hex color 1199C6.

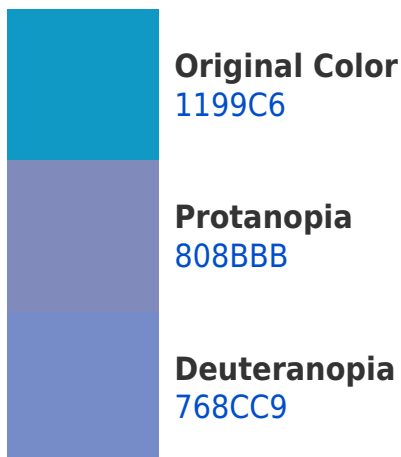


This preview shows how white text looks on a background with the Hex color 1199C6.

# 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](#).

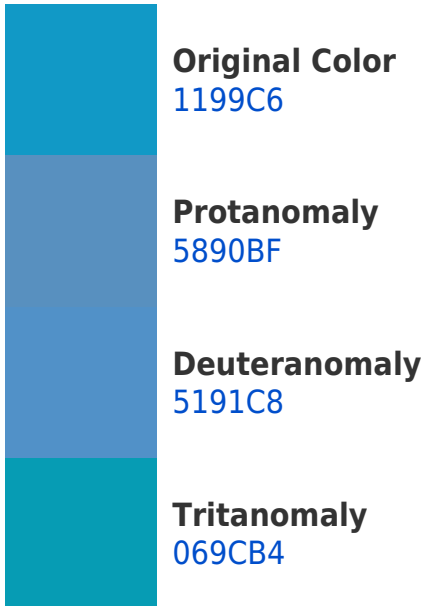
## Dichromacy



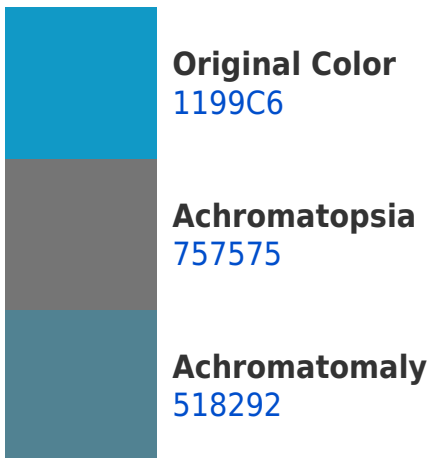


**Tritanopia**  
009DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1199C6 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 #1199C6 looks like.

```
.text, #text, p{  
    color:#1199C6  
}
```

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 #1199C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1199C6
}
```

## Border

The CSS property to change the border of an element to Hex 1199C6 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
#1199C6 }
```

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

```
.border{ border-color:#1199C6 }
```

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

Here you see how a box with a 4 pixel #1199C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1199C6; -webkit-box-shadow:4px 4px  
4px 4px #1199C6; box-shadow:4px 4px 4px  
4px #1199C6 }
```

# Background

The CSS property to change the background color of an element to Hex 1199C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1199C6 }
```

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

```
.background{ background-color:#1199C6 }
```

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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