

# Converting Colors

Hex(1298C7)

Have a look what the booklet for  
Hex(1298C7) contains.

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# Color

Hex(1298C7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1298C7
RGB	18, 152, 199
RGB Percent	7%, 60%, 78%
CMY	0.9294, 0.4039, 0.2196
CMYK	0.91, 0.24, 0.00, 0.22
HSL	196°, 83%, 43%
HSV	196°, 91%, 78%
XYZ	21.7865, 26.7086, 58.0398
YIQ	117.2920, -94.9510, -13.7910

# Conversions

## Conversions Part 2

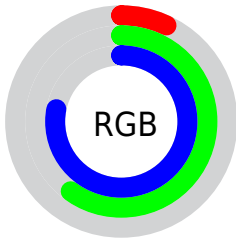
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 95, 199
Decimal	1218759
CIELab	58.70, -16.00, -33.36
CIELCh	59, 37.002, 244.380
Yxy	26.7086, 0.2045, 0.2507
Android (android.graphics.Color)	4279408839 (0xFF1298C7)
YUV	117.2920, 40.2820, -87.0791
Hunter-Lab	51.6804, -15.1917, -30.4096

# Details

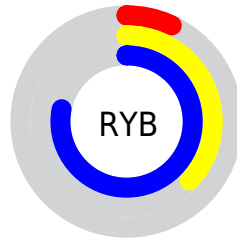
The Hex color **1298C7** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C74112**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **66CEFF**, and **006591** is the 20% darker color. If you saturate the color by 10%, you get **0093C7**, and if you desaturate by 10%, it is **269DC7**.

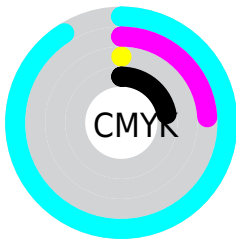
# Distribution



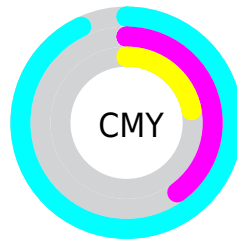
- Red (7%)
- Green (60%)
- Blue (78%)



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



- Cyan (91%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 1298C7 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 1298C7 by changing the saturation by 10% instead.



 1298C7

 1298C7

FFFFFF

 007EAC

 66CEFF

 006591

 86EBFF

 004D77

 A5FFFF

 00365E

 C3FFFF

 002146

 E1FFFF

 000430

 00011A

 000000

 1298C7

 1298C7

0093C7

269DC7

3AA2C7

4EA8C7

62ADC7

76B2C7

89B7C7

9DBCC7

B1C1C7

C5C7C7

# Harmonies

## Analogous

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



009DB1



1298C7



638FCE

# Triad

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



1298C7



CA738A



7B9656

# Complementary

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



1298C7



C74112

# 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.



9D8D4B



1298C7



C9776A

# Square

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



1298C7



BA78AA



B88253



529C70

# Rectangle

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



1298C7



8787C8



B88253



879351

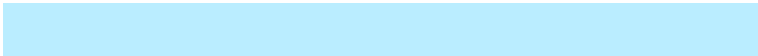


# Sweetspot

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



1298C7



BAEDFF



12C73F



577580



000000



808080

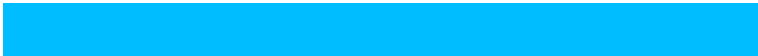


# Same Dimension

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



1298C7



00BDFF



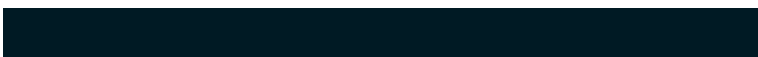
123FC7



5A6163



0079A3



001A24



# Inverse Universe

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



C71298



FF00BD



C79A12



635A61



A30079



24001A



# Previews

## White Background



This preview shows how the Hex color 1298C7 looks on a white background.

## Color Contrast Check

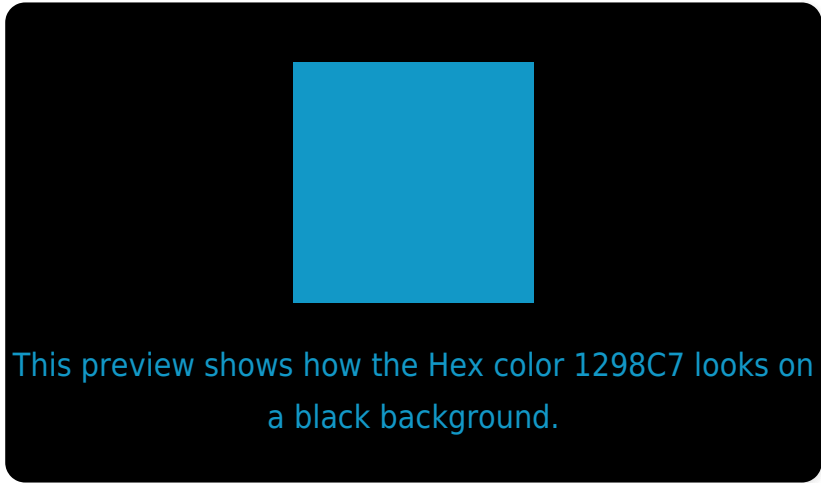
Large Text (above 18pt) WCAG AA ✓ Pass

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 1298C7 Background



This preview shows how black text looks on a background with the Hex color 1298C7.

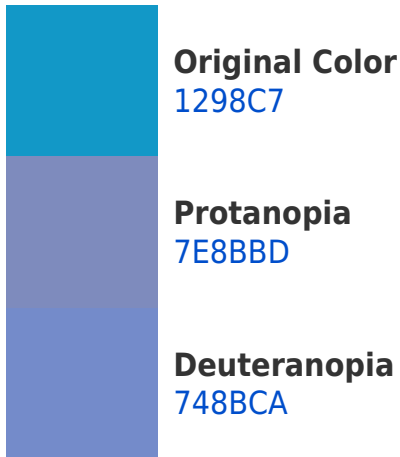


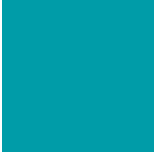
This preview shows how white text looks on a background with the Hex color 1298C7.

# 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](#).

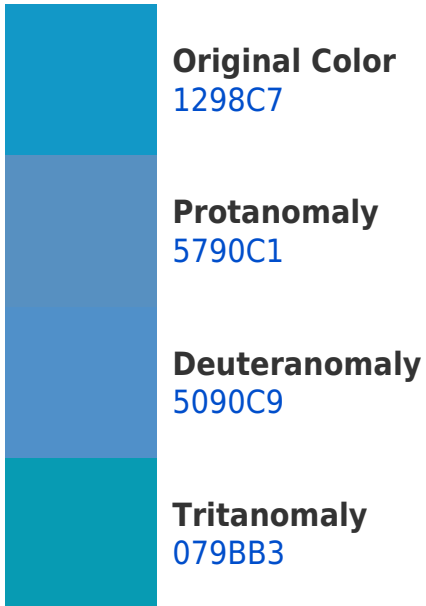
## Dichromacy



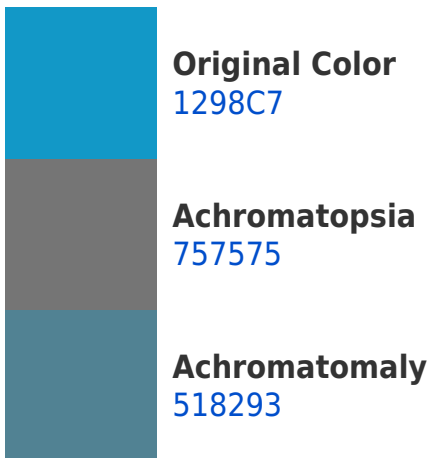


**Tritanopia**  
009CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1298C7 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 #1298C7 looks like.

```
.text, #text, p{  
    color:#1298C7  
}
```

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 #1298C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1298C7
}
```

## Border

The CSS property to change the border of an element to Hex 1298C7 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
#1298C7 }
```

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

```
.border{ border-color:#1298C7 }
```

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

Here you see how a box with a 4 pixel #1298C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1298C7; -webkit-box-shadow:4px 4px  
4px 4px #1298C7; box-shadow:4px 4px 4px  
4px #1298C7 }
```

# Background

The CSS property to change the background color of an element to Hex 1298C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1298C7 }
```

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

```
.background{ background-color:#1298C7 }
```

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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