

Converting Colors

Hex(1298C0)

Have a look what the booklet for
Hex(1298C0) contains.

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Color

Hex(1298C0)

Conversions

Conversions Part 1

Format	Color
Hex	1298C0
RGB	18, 152, 192
RGB Percent	7%, 60%, 75%
CMY	0.9294, 0.4039, 0.2471
CMYK	0.91, 0.21, 0.00, 0.25
HSL	194°, 83%, 41%
HSV	194°, 91%, 75%
XYZ	20.9921, 26.3908, 53.8567
YIQ	116.4940, -92.7040, -15.9680

Conversions

Conversions Part 2

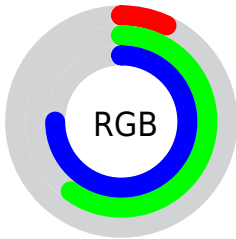
Format	Color
RYB	18, 94, 192
Decimal	1218752
CIELab	58.41, -18.48, -29.88
CIELCh	58, 35.137, 238.263
Yxy	26.3908, 0.2074, 0.2607
Android (android.graphics.Color)	4279408832 (0xFF1298C0)
YUV	116.4940, 37.2245, -86.3792
Hunter-Lab	51.3720, -16.9607, -26.1972

Details

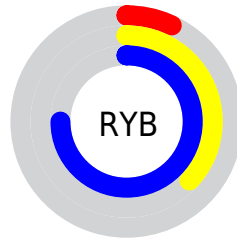
The Hex color **1298C0** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C03A12**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **65CEF9**, and **00658A** is the 20% darker color. If you saturate the color by 10%, you get **0094C0**, and if you desaturate by 10%, it is **259CC0**.

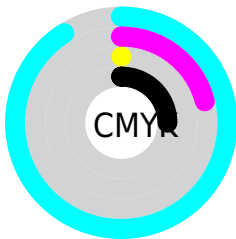
Distribution



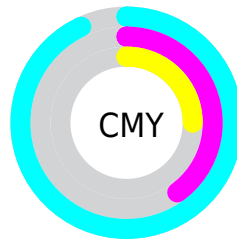
- Red (7%)
- Green (60%)
- Blue (75%)



- Red (7%)
- Yellow (37%)
- Blue (75%)



- Cyan (91%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)



- Cyan (93%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1298C0 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 1298C0 by changing the saturation by 10% instead.

 1298C0

 1298C0

FFFFFF

 007EA5

 65CEF9

 00658A

 84EBFF

 004D71

 A3FFFF

 003658

 C1FFFF

 002140

 DFFFFF

 00032A

FEFFFF

 000115

 000000

 1298C0

 1298C0

0094C0

259CC0

38A1C0

4CA5C0

5FAAC0

72AEC0

85B2C0

98B7C0

ACBBC0

BFC0C0

Harmonies

Analogous

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



009CA9



1298C0



5A90CA

Triad

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



1298C0



C5748F



829355

Complementary

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



1298C0



C03A12

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.



A28A4E



1298C0



C77671

Square

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



1298C0



B17AAD



BA7F59



5D9A6B

Rectangle

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



1298C0



7E89C7



BA7F59



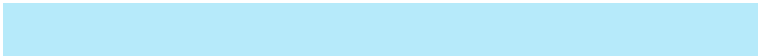
8D9151

Sweetspot

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



1298C0



B6EAFA



12C038



55747D



FCFCFC



7D7D7D

Same Dimension

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



1298C0



00C0FA



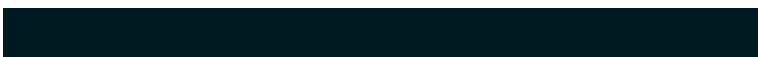
1243C0



575F61



007CA1



001A21

Inverse Universe

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



C01298



FA00C0



C08F12



61575F



A1007C



21001A

Previews

White Background



This preview shows how the Hex color 1298C0 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 1298C0 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 1298C0 Background



This preview shows how black text looks on a background with the Hex color 1298C0.

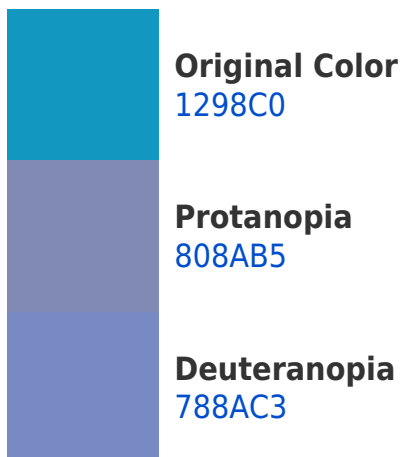


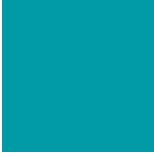
This preview shows how white text looks on a background with the Hex color 1298C0.

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](#).

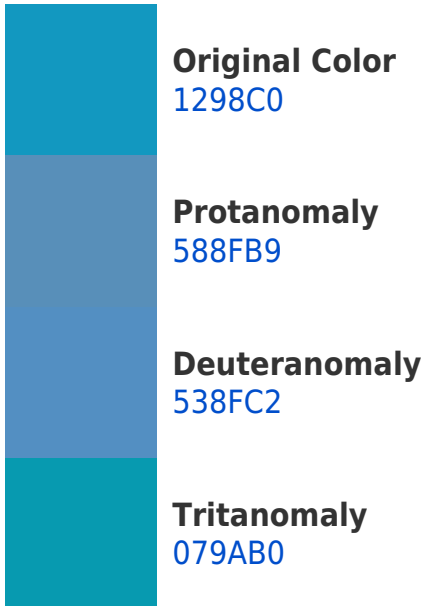
Dichromacy



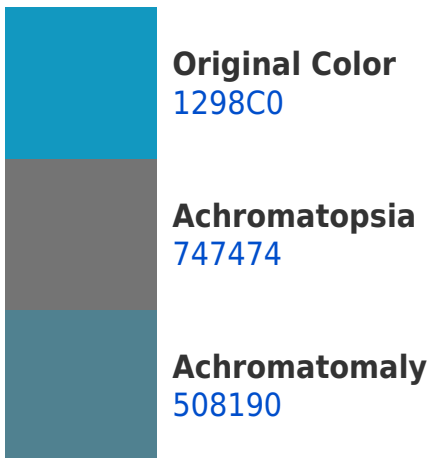


Tritanopia
009BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1298C0 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 #1298C0 looks like.

```
.text, #text, p{  
    color:#1298C0  
}
```

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 #1298C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1298C0
}
```

Border

The CSS property to change the border of an element to Hex 1298C0 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
#1298C0 }
```

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

```
.border{ border-color:#1298C0 }
```

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

Here you see how a box with a 4 pixel #1298C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1298C0; -webkit-box-shadow:4px 4px  
4px 4px #1298C0; box-shadow:4px 4px 4px  
4px #1298C0 }
```

Background

The CSS property to change the background color of an element to Hex 1298C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1298C0 }
```

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

```
.background{ background-color:#1298C0 }
```

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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