

Converting Colors

Hex(1298B0)

Have a look what the booklet for
Hex(1298B0) contains.

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Color

Hex(1298B0)

Conversions

Conversions Part 1

Format	Color
Hex	1298B0
RGB	18, 152, 176
RGB Percent	7%, 60%, 69%
CMY	0.9294, 0.4039, 0.3098
CMYK	0.90, 0.14, 0.00, 0.31
HSL	189°, 81%, 38%
HSV	189°, 90%, 69%
XYZ	19.3142, 25.7197, 45.0207
YIQ	114.6700, -87.5680, -20.9440

Conversions

Conversions Part 2

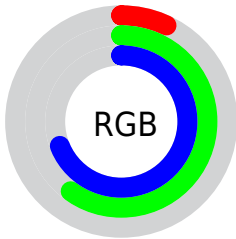
Format	Color
RYB	18, 91, 176
Decimal	1218736
CIELab	57.77, -24.02, -21.81
CIELCh	58, 32.442, 222.240
Yxy	25.7197, 0.2145, 0.2856
Android (android.graphics.Color)	4279408816 (0xFF1298B0)
YUV	114.6700, 30.2357, -84.7796
Hunter-Lab	50.7146, -20.7704, -17.1332

Details

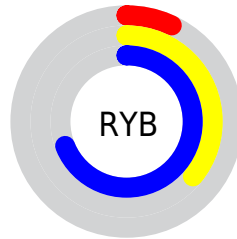
The Hex color **1298B0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B02A12**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **62CFE8**, and **00657B** is the 20% darker color. If you saturate the color by 10%, you get **0095B0**, and if you desaturate by 10%, it is **249BB0**.

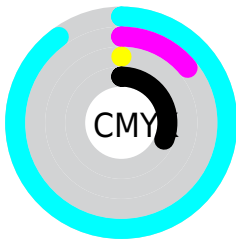
Distribution



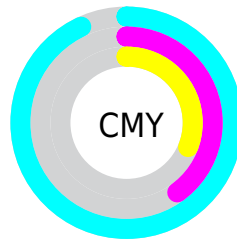
- Red (7%)
- Green (60%)
- Blue (69%)



- Red (7%)
- Yellow (36%)
- Blue (69%)



- Cyan (90%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)



- Cyan (93%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1298B0 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 1298B0 by changing the saturation by 10% instead.

 1298B0

 1298B0

FFFFFF

 007E95

 62CFE8

 00657B

 81EBFF

 004C62

 9FFFFFFF

 00354B

 BDBFFF


 002134

 DBFFFF

 00021F

 F9FFFF

 000002

 000000

 1298B0

 1298B0

0095B0

249BB0

359DB0

47A0B0

58A3B0

6AA5B0

7CA8B0

8DABB0

9FADB0

B0B0B0

Harmonies

Analogous

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



269A96



1298B0



4492C0

Triad

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



1298B0



B7779D



928D53

Complementary

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



1298B0



B02A12

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.



AC8355



1298B0



C27580

Square

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



1298B0



9D7FB5



BD7A66



739460

Rectangle

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



1298B0



658DC3



BD7A66



9B8A52

Sweetspot

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



1298B0



A8DCE6



12B02A



4E6D73



F2F2F2



737373

Same Dimension

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



1298B0



00C3E6



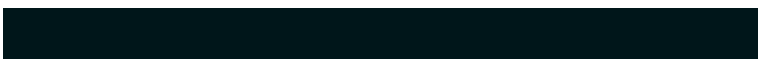
1249B0



505859



008299



00161A

Inverse Universe

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



B01298



E600C3



B07912



595058



990082



1A0016

Previews

White Background



This preview shows how the Hex color 1298B0 looks on a white background.

Color Contrast Check

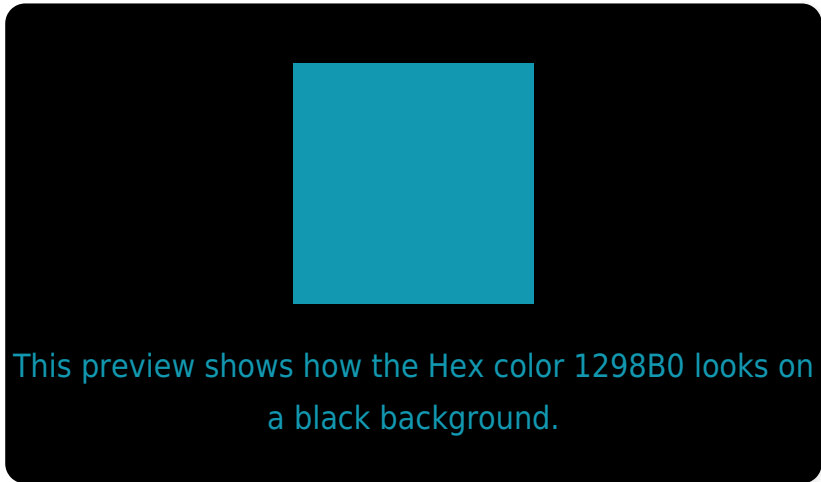
Large Text (above 18pt) WCAG AA ✓ Pass

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

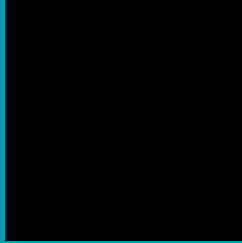
Any Text WCAG AA ✓ Pass

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 1298B0 Background



This preview shows how black text looks on a background with the Hex color 1298B0.

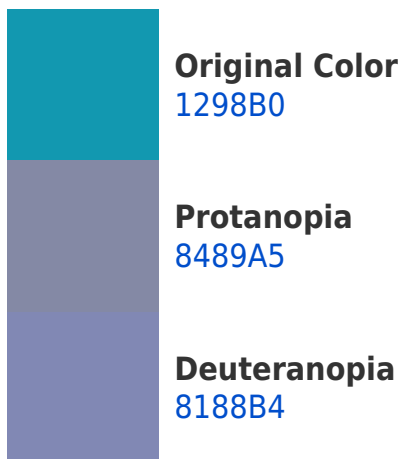


This preview shows how white text looks on a background with the Hex color 1298B0.

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](#).

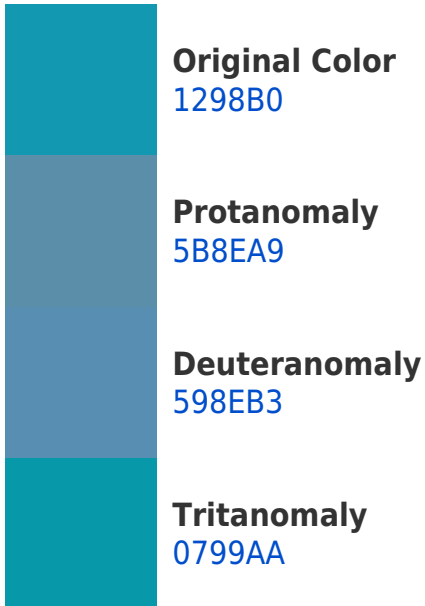
Dichromacy



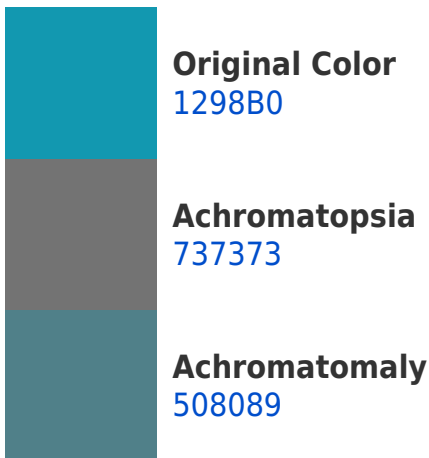


Tritanopia
0099A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1298B0 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 #1298B0 looks like.

```
.text, #text, p{  
    color:#1298B0  
}
```

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 #1298B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1298B0
}
```

Border

The CSS property to change the border of an element to Hex 1298B0 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
#1298B0 }
```

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

```
.border{ border-color:#1298B0 }
```

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

Here you see how a box with a 4 pixel #1298B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1298B0; -webkit-box-shadow:4px 4px  
4px 4px #1298B0; box-shadow:4px 4px 4px  
4px #1298B0 }
```

Background

The CSS property to change the background color of an element to Hex 1298B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1298B0 }
```

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

```
.background{ background-color:#1298B0 }
```

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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