

Converting Colors

Hex(118DC0)

Have a look what the booklet for
Hex(118DC0) contains.

Hex(118DC0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**118DC0**)

Conversions

Conversions Part 1

Format	Color
Hex	118DC0
RGB	17, 141, 192
RGB Percent	7%, 55%, 75%
CMY	0.9333, 0.4471, 0.2471
CMYK	0.91, 0.27, 0.00, 0.25
HSL	197°, 84%, 41%
HSV	197°, 91%, 75%
XYZ	19.2705, 22.9747, 53.2881
YIQ	109.7380, -90.2750, -10.4270

Conversions

Conversions Part 2

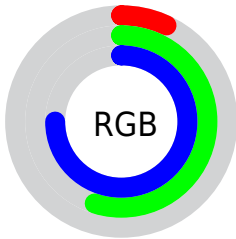
Format	Color
RYB	17, 90, 192
Decimal	1150400
CIELab	55.05, -12.50, -35.12
CIElCh	55, 37.276, 250.407
Yxy	22.9747, 0.2017, 0.2405
Android (android.graphics.Color)	4279340480 (0xFF118DC0)
YUV	109.7380, 40.5552, -81.3312
Hunter-Lab	47.9319, -12.1170, -32.3630

Details

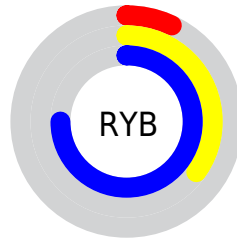
The Hex color **118DC0** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **C04411**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **64C3F9**, and **005B8A** is the 20% darker color. If you saturate the color by 10%, you get **0088C0**, and if you desaturate by 10%, it is **2493C0**.

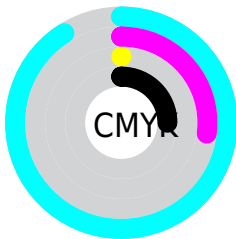
Distribution



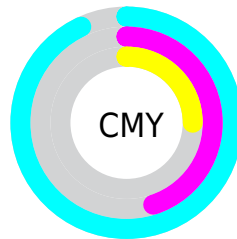
- Red (7%)
- Green (55%)
- Blue (75%)



- Red (7%)
- Yellow (35%)
- Blue (75%)



- Cyan (91%)
- Magenta (27%)
- Yellow (0%)
- Black (25%)



- Cyan (93%)
- Magenta (45%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 118DC0 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 118DC0 by changing the saturation by 10% instead.

■ 118DC0

FFFFFF

■ 64C3F9

■ 83DEFF

■ A1FBFF

■ BFFFFF

■ DEFFFF

■ FCFFFF

■ 118DC0

■ 118DC0

■ 0073A5

■ 005B8A

■ 004471

■ 002D58

■ 001A40

■ 00032A

■ 000114

■ 000000

■ 118DC0

■ 0088C0

■ 2493C0

■ 3798C0

■ 4B9EC0

■ 5EA3C0

■ 71A9C0

■ 84AFC0

■ 97B4C0

■ ABBAC0

■ BEBFC0

Harmonies

Analogous

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



0093AD



118DC0



6483C3

Triad

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



118DC0



C16A7A



6A8E51

Complementary

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



118DC0



C04411

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.



8D8643



118DC0



BC6F5B

Square

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



118DC0



B56D9A



AA7A47



3E936D

Rectangle

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



118DC0



877BBB



AA7A47



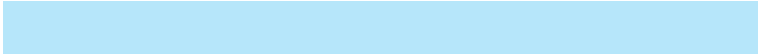
768C4A

Sweetspot

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



118DC0



B6E6FA



11C043



55717D



FCFCFC



7D7D7D

Same Dimension

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



118DC0



00B1FA



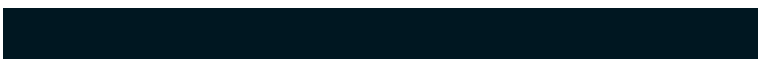
1137C0



575E61



0072A1



001721

Inverse Universe

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



C0118D



FA00B1



C09A11



61575E



A10072



210017

Previews

White Background



This preview shows how the Hex color 118DC0 looks on a white background.

Color Contrast Check

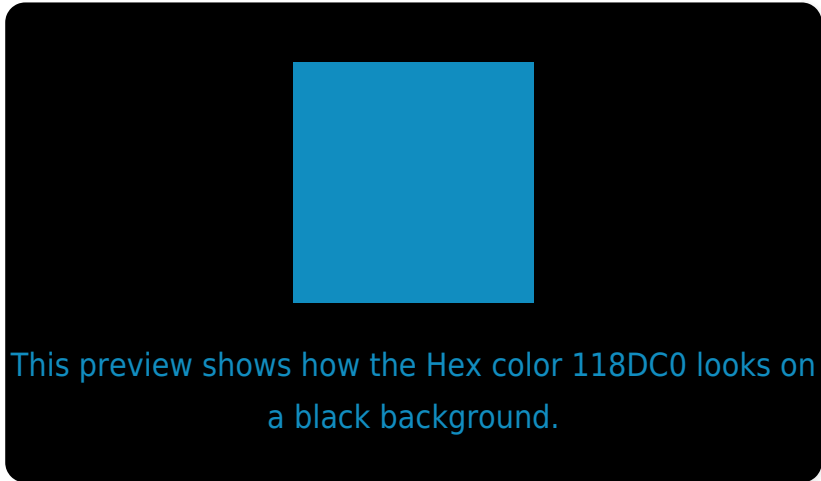
Large Text (above 18pt) WCAG AA ✓ Pass

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 118DC0 Background



This preview shows how black text looks on a background with the Hex color 118DC0.

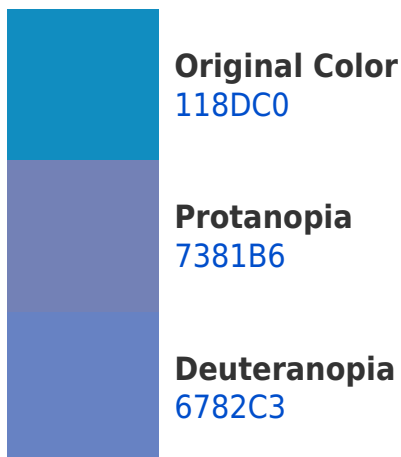


This preview shows how white text looks on a background with the Hex color 118DC0.

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](#).

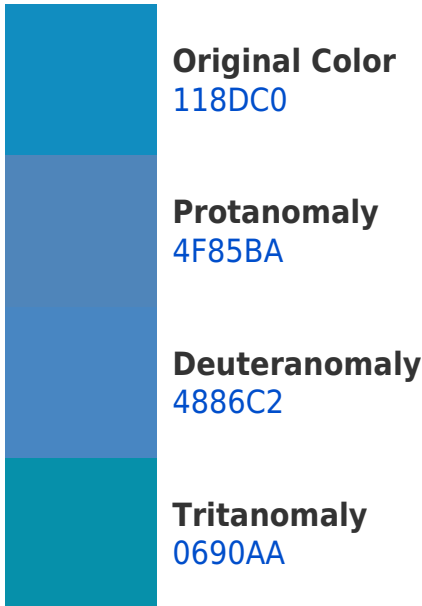
Dichromacy



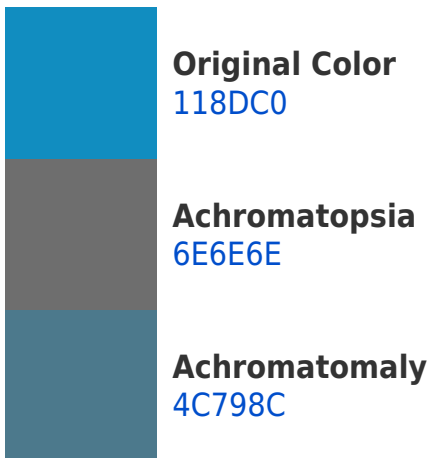


Tritanopia
00929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 118DC0 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 #118DC0 looks like.

```
.text, #text, p{  
    color:#118DC0  
}
```

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 #118DC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #118DC0  
}
```

Border

The CSS property to change the border of an element to Hex 118DC0 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  
#118DC0 }
```

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

```
.border{ border-color:#118DC0 }
```

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

Here you see how a box with a 4 pixel #118DC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #118DC0; -webkit-box-shadow:4px 4px  
4px 4px #118DC0; box-shadow:4px 4px 4px  
4px #118DC0 }
```

Background

The CSS property to change the background color of an element to Hex 118DC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#118DC0 }
```

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

```
.background{ background-color:#118DC0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor