

Converting Colors

Hex(118CA7)

Have a look what the booklet for
Hex(118CA7) contains.

Hex(118CA7)	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(118CA7)

Conversions

Conversions Part 1

Format	Color
Hex	118CA7
RGB	17, 140, 167
RGB Percent	7%, 55%, 65%
CMY	0.9333, 0.4510, 0.3451
CMYK	0.90, 0.16, 0.00, 0.35
HSL	191°, 82%, 36%
HSV	191°, 90%, 65%
XYZ	16.5843, 21.6654, 39.8670
YIQ	106.3010, -81.9750, -17.6790

Conversions

Conversions Part 2

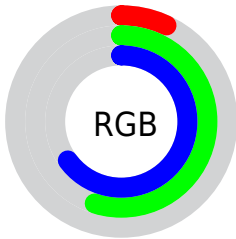
Format	Color
RYB	17, 85, 167
Decimal	1150119
CIELab	53.67, -20.90, -22.96
CIELCh	54, 31.051, 227.683
Yxy	21.6654, 0.2123, 0.2773
Android (android.graphics.Color)	4279340199 (0xFF118CA7)
YUV	106.3010, 29.9246, -78.3170
Hunter-Lab	46.5461, -17.8563, -18.2000

Details

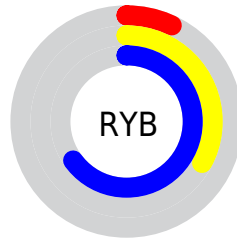
The Hex color **118CA7** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A72C11**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5FC2DE**, and **005A73** is the 20% darker color. If you saturate the color by 10%, you get **0089A7**, and if you desaturate by 10%, it is **228FA7**.

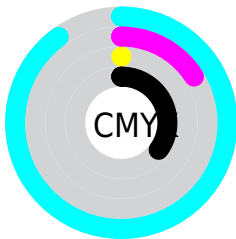
Distribution



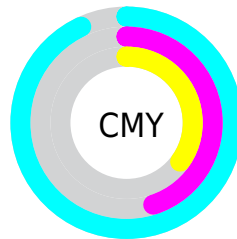
- Red (7%)
- Green (55%)
- Blue (65%)



- Red (7%)
- Yellow (33%)
- Blue (65%)



- Cyan (90%)
- Magenta (16%)
- Yellow (0%)
- Black (35%)



- Cyan (93%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 118CA7 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 118CA7 by changing the saturation by 10% instead.

■ 118CA7

■ 118CA7

FFFFFF

■ 00728D

■ 5FC2DE

■ 005A73

■ 7DDEFB

■ 00425A

■ 9BFAFF

■ 002B43

■ B8FFFF

■ 00172C

■ D6FFFF

■ 000118

■ F4FFFF

■ 000000

■ 118CA7

■ 118CA7

■ 0089A7

■ 228FA7

■ 3292A7

■ 4395A7

■ 5498A7

■ 649BA7

■ 759EA7

■ 86A1A7

■ 97A4A7

■ A7A7A7

Harmonies

Analogous

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



168E90



118CA7



4586B4

Triad

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



118CA7



AD6D8C



82844C

Complementary

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



118CA7



A72C11

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.



9C7B4C



118CA7



B56C71

Square

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



118CA7



9774A4



AE725A



648A5B

Rectangle

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



118CA7



6581B5



AE725A



8B814B

Sweetspot

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



118CA7



9ECED9



11A72A



4B676E



EDEDED



6E6E6E

Same Dimension

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



118CA7



00B2D9



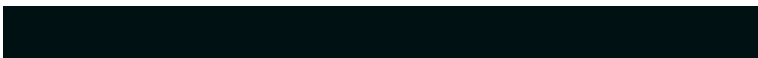
1143A7



4C5354



007994



001114

Inverse Universe

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



A7118C



D900B2



A77511



544C53



940079



140011

Previews

White Background



This preview shows how the Hex color 118CA7 looks on a white background.

Color Contrast Check

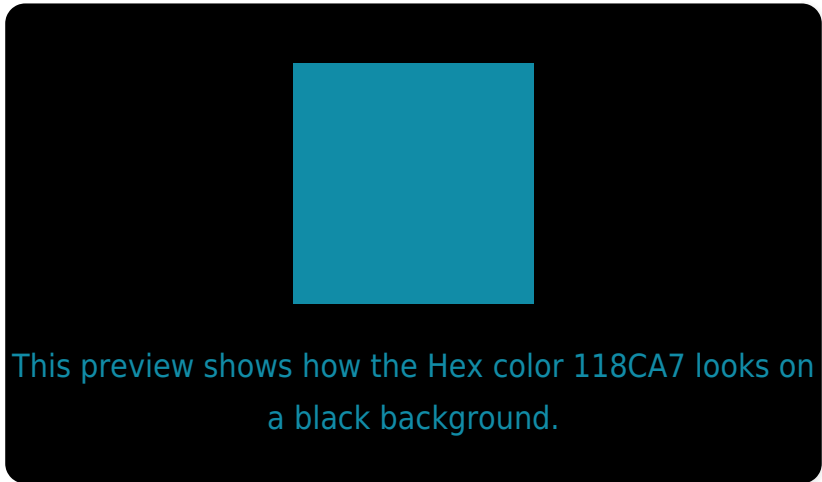
Large Text (above 18pt) WCAG AA ✓ Pass

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

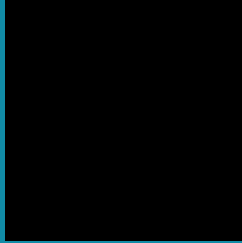
Any Text WCAG AA ✓ Pass

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 118CA7 Background



This preview shows how black text looks on a background with the Hex color 118CA7.

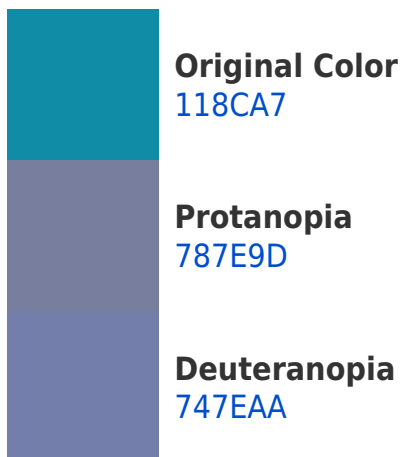


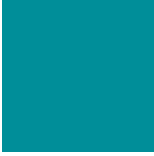
This preview shows how white text looks on a background with the Hex color 118CA7.

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](#).

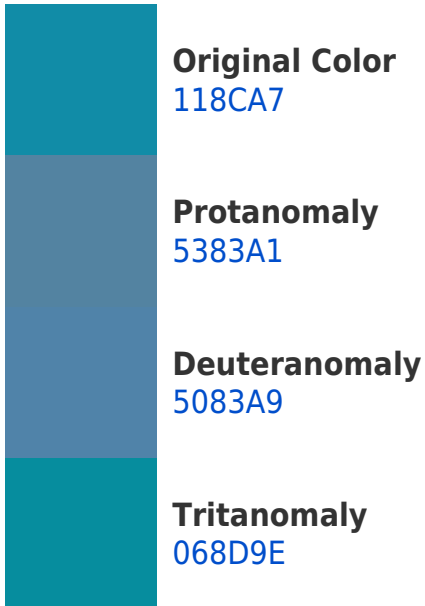
Dichromacy





Tritanopia
008E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 118CA7 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 #118CA7 looks like.

```
.text, #text, p{  
    color:#118CA7  
}
```

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 #118CA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #118CA7  
}
```

Border

The CSS property to change the border of an element to Hex 118CA7 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  
#118CA7 }
```

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

```
.border{ border-color:#118CA7 }
```

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

Here you see how a box with a 4 pixel #118CA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #118CA7; -webkit-box-shadow:4px 4px  
4px 4px #118CA7; box-shadow:4px 4px 4px  
4px #118CA7 }
```

Background

The CSS property to change the background color of an element to Hex 118CA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#118CA7 }
```

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

```
.background{ background-color:#118CA7 }
```

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