

# Converting Colors

Hex(118C92)

Have a look what the booklet for  
Hex(118C92) contains.

<b>Hex(118C92)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(118C92)

# Conversions

## Conversions Part 1

Format	Color
Hex	118C92
RGB	17, 140, 146
RGB Percent	7%, 55%, 57%
CMY	0.9333, 0.4510, 0.4275
CMYK	0.88, 0.04, 0.00, 0.43
HSL	183°, 79%, 32%
HSV	183°, 88%, 57%
XYZ	14.7976, 20.9507, 30.4581
YIQ	103.9070, -75.2340, -24.2100

# Conversions

## Conversions Part 2

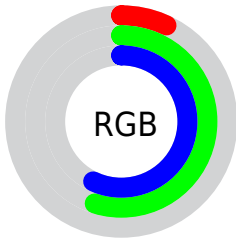
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 80, 146
Decimal	1150098
CIELab	52.90, -27.98, -12.02
CIELCh	53, 30.453, 203.238
Yxy	20.9507, 0.2235, 0.3164
Android (android.graphics.Color)	4279340178 (0xFF118C92)
YUV	103.9070, 20.7518, -76.2174
Hunter-Lab	45.7719, -22.3937, -7.4132

# Details

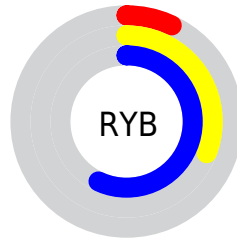
The Hex color **118C92** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **921711**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5CC2C8**, and **005960** is the 20% darker color. If you saturate the color by 10%, you get **028B92**, and if you desaturate by 10%, it is **208D92**.

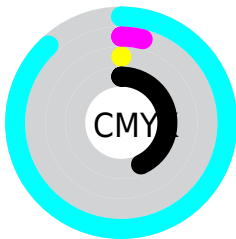
# Distribution



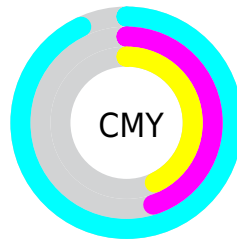
- Red (7%)
- Green (55%)
- Blue (57%)



- Red (7%)
- Yellow (31%)
- Blue (57%)



- Cyan (88%)
- Magenta (4%)
- Yellow (0%)
- Black (43%)




- Cyan (93%)
- Magenta (45%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 118C92 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 118C92 by changing the saturation by 10% instead.



 118C92

 118C92

FFFFFF

 007278

 5CC2C8

 005960

 79DEE4

 004148

 96FBFF

 002B31


 B4FFFF

 00131D

 D1FFFF

 000000

 EFFFFFF

 118C92

 118C92

 028B92

 208D92

■ 008B92

■ 2E8D92

■ 3D8E92

■ 4B8F92

■ 5A8F92

■ 699092

■ 779192

■ 869192

■ 949292

# Harmonies

## Analogous

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



3A8C77



118C92



1D89A7

# Triad

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



118C92



9A709E



957B4A

# Complementary

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



118C92



921711

# 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.



A87255



118C92



AD6A85

# Square

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



118C92



797AAE



B16B6B



7B834D

# Rectangle

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



118C92



3E85B0



B16B6B



9C784C



# Sweetspot

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



118C92



8ABABD



119215



405D5E



DEDEDE



5E5E5E



# Same Dimension

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



118C92



00B4BD



114D92



434A4A



00838A



000A0A



# Inverse Universe

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



92118C



BD00B4



925611



4A434A



8A0083



0A000A



# Previews

## White Background



This preview shows how the Hex color 118C92 looks on a white background.

## Color Contrast Check

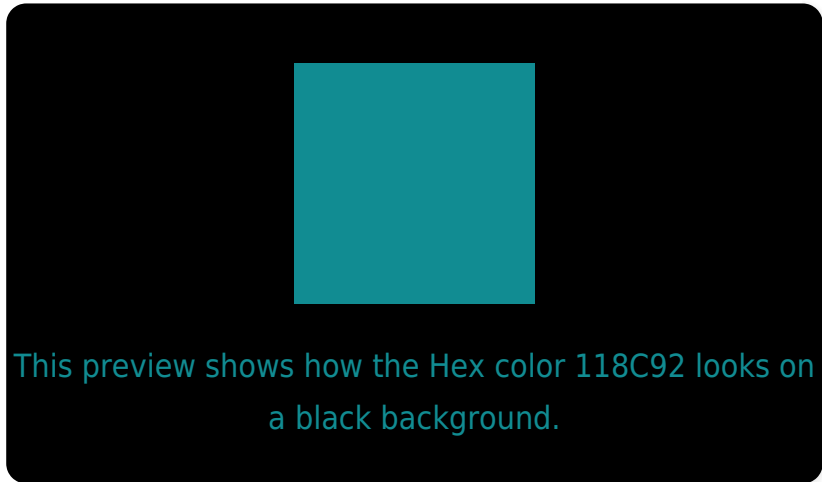
Large Text (above 18pt) WCAG AA ✓ Pass

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

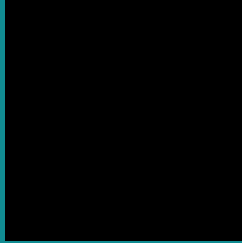
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 118C92 Background



This preview shows how black text looks on a background with the Hex color 118C92.



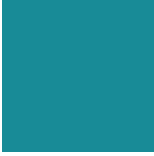
This preview shows how white text looks on a background with the Hex color 118C92.

# 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**  
188B97

# Trichromacy



**Original Color**  
118C92



**Protanomaly**  
56828C



**Deuteranomaly**  
568195



**Tritanomaly**  
158B95

# Monochromacy



**Original Color**  
118C92



**Achromatopsia**  
686868



**Achromatomaly**  
487577

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 118C92 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 #118C92 looks like.

```
.text, #text, p{  
    color:#118C92  
}
```

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 #118C92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #118C92
}
```

## Border

The CSS property to change the border of an element to Hex 118C92 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
#118C92 }
```

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

```
.border{ border-color:#118C92 }
```

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

Here you see how a box with a 4 pixel #118C92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #118C92; -webkit-box-shadow:4px 4px  
4px 4px #118C92; box-shadow:4px 4px 4px  
4px #118C92 }
```

# Background

The CSS property to change the background color of an element to Hex 118C92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#118C92 }
```

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

```
.background{ background-color:#118C92 }
```

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