

Converting Colors

Hex(118C70)

Have a look what the booklet for
Hex(118C70) contains.

Hex(118C70)	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(118C70)

Conversions

Conversions Part 1

Format	Color
Hex	118C70
RGB	17, 140, 112
RGB Percent	7%, 55%, 44%
CMY	0.9333, 0.4510, 0.5608
CMYK	0.88, 0.00, 0.20, 0.45
HSL	166°, 78%, 31%
HSV	166°, 88%, 55%
XYZ	12.5339, 20.0452, 18.5377
YIQ	100.0310, -64.3200, -34.7840

Conversions

Conversions Part 2

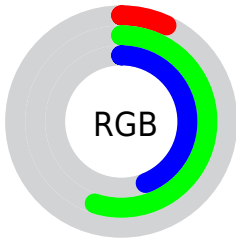
Format	Color
RYB	17, 86, 140
Decimal	1150064
CIELab	51.89, -38.12, 6.20
CIElCh	52, 38.624, 170.762
Yxy	20.0452, 0.2452, 0.3921
Android (android.graphics.Color)	4279340144 (0xFF118C70)
YUV	100.0310, 5.9007, -72.8182
Hunter-Lab	44.7719, -28.3797, 6.7913

Details

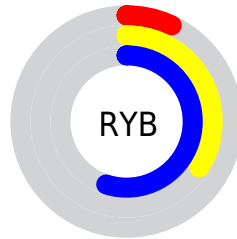
The Hex color **118C70** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8C112D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **58C2A4**, and **005940** is the 20% darker color. If you saturate the color by 10%, you get **038C6D**, and if you desaturate by 10%, it is **1F8C73**.

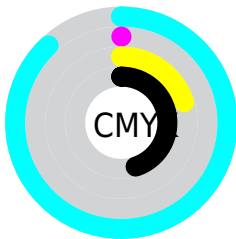
Distribution



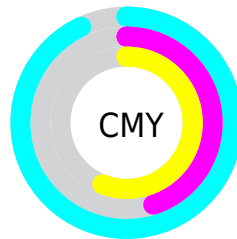
- Red (7%)
- Green (55%)
- Blue (44%)



- Red (7%)
- Yellow (34%)
- Blue (55%)



- Cyan (88%)
- Magenta (0%)
- Yellow (20%)
- Black (45%)





- Cyan (93%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 118C70 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 118C70 by changing the saturation by 10% instead.

 118C70

 118C70

FFFFFF

 007258

 58C2A4

 005940

 75DFBF

 00412A

 92FBDB

 002A16

 AEFFF7

 000D00

 CCFFFF

 000000

 E9FFFF

 118C70

 118C70

 038C6D

 1F8C73

■ 008C6C

■ 2D8C76

■ 3B8C7A

■ 498C7D

■ 578C80

■ 658C83

■ 738C86

■ 818C89

■ 8F8C8D

Harmonies

Analogous

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



528850



118C70



008C92

Triad

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



118C70



6E77BA



B06A4A

Complementary

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



118C70



8C112D

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.



BA6166



118C70



9B6AA6

Square

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



118C70



2482BD



B46187



987639

Rectangle

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



118C70



008BA6



B46187



B56752

Sweetspot

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



118C70



86B5AA



2E8C11



3F5C55



DBDBDB



5C5C5C

Same Dimension

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



118C70



00B58C



116B8C



3E4543



008566



000504

Inverse Universe

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



8C112D



B50029



8C3211



453E40



85001E



050001

Previews

White Background



This preview shows how the Hex color 118C70 looks on a white background.

Color Contrast Check

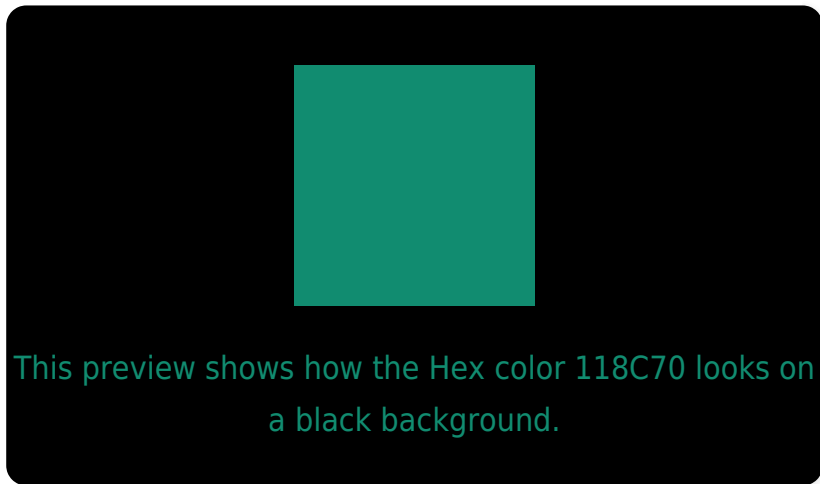
Large Text (above 18pt) WCAG AA ✓ Pass

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

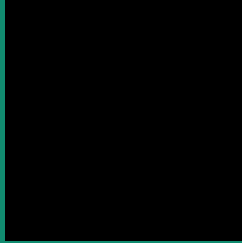
Any Text WCAG AA ✓ Pass

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 118C70 Background



This preview shows how black text looks on a background with the Hex color 118C70.

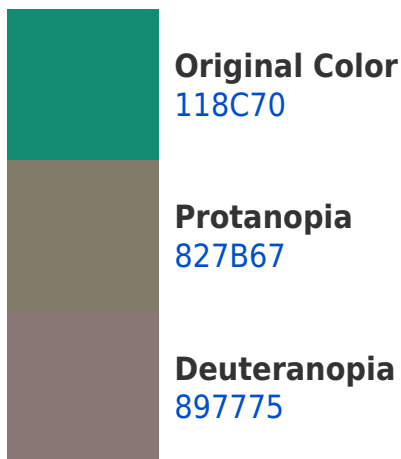


This preview shows how white text looks on a background with the Hex color 118C70.

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
2D8792

Trichromacy



Original Color
118C70



Protanomaly
59816A



Deuteranomaly
5D7F73



Tritanomaly
238986

Monochromacy



Original Color
118C70



Achromatopsia
646464



Achromatomaly
467368

CSS Examples

Text

The CSS property to change the color of the text to Hex 118C70 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 #118C70 looks like.

```
.text, #text, p{  
    color:#118C70  
}
```

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 #118C70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #118C70
}
```

Border

The CSS property to change the border of an element to Hex 118C70 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
#118C70 }
```

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

```
.border{ border-color:#118C70 }
```

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

Here you see how a box with a 4 pixel #118C70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #118C70; -webkit-box-shadow:4px 4px  
4px 4px #118C70; box-shadow:4px 4px 4px  
4px #118C70 }
```

Background

The CSS property to change the background color of an element to Hex 118C70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#118C70 }
```

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

```
.background{ background-color:#118C70 }
```

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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