

# Converting Colors

Hex(118B6E)

Have a look what the booklet for  
Hex(118B6E) contains.

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# Color

Hex(118B6E)

# Conversions

## Conversions Part 1

Format	Color
Hex	118B6E
RGB	17, 139, 110
RGB Percent	7%, 55%, 43%
CMY	0.9333, 0.4549, 0.5686
CMYK	0.88, 0.00, 0.21, 0.45
HSL	166°, 78%, 31%
HSV	166°, 88%, 55%
XYZ	12.2783, 19.7102, 17.9092
YIQ	99.2160, -63.4030, -34.8830

# Conversions

## Conversions Part 2

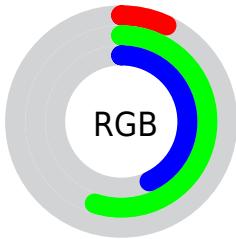
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 86, 139
Decimal	1149806
CIE Lab	51.51, -38.23, 6.81
CIE LCh	52, 38.828, 169.896
Yxy	19.7102, 0.2461, 0.3950
Android (android.graphics.Color)	4279339886 (0xFF118B6E)
YUV	99.2160, 5.3165, -72.1034
Hunter-Lab	44.3962, -28.3271, 7.1601

# Details

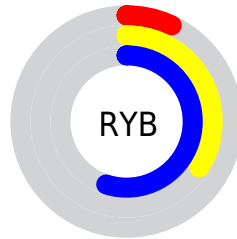
The Hex color **118B6E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B112E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **58C1A2**, and **00583E** is the 20% darker color. If you saturate the color by 10%, you get **038B6B**, and if you desaturate by 10%, it is **1F8B71**.

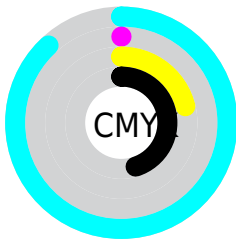
# Distribution



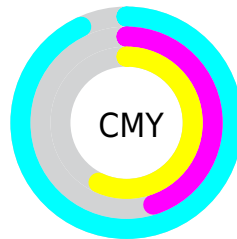
- Red (7%)
- Green (55%)
- Blue (43%)



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



- Cyan (88%)
- Magenta (0%)
- Yellow (21%)
- Black (45%)




- Cyan (93%)
- Magenta (45%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 118B6E 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 118B6E by changing the saturation by 10% instead.



 118B6E

 118B6E

FFFFFF

 007156

 58C1A2

 00583E

 75DEBD

 004029

 91FAD8

 002A14


 AEFFF5

 000A00

 CBFFFF

 000000

 E9FFFF

 118B6E

 118B6E

 038B6B

 1F8B71

■ 008B6A

■ 2D8B75

■ 3B8B78

■ 498B7B

■ 568B7F

■ 648B82

■ 728B85

■ 808B88

■ 8E8B8C

# Harmonies

## Analogous

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



52874E



118B6E



008C90

# Triad

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



118B6E



6B76B9



AF6949

# Complementary

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



118B6E



8B112E

# 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.



B96066



118B6E



996AA6

# Square

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



118B6E



1C82BC



B36087



987538

# Rectangle

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



118B6E



008AA4



B36087



B46552



# Sweetspot

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



118B6E



86B5AA



2F8B11



3F5C55



DBDBDB



5C5C5C



# Same Dimension

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



118B6E



00B58A



116D8B



3E4543



008565



000504



# Inverse Universe

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



8B112E



B5002B



8B2F11



453E40



850020



050001



# Previews

## White Background



This preview shows how the Hex color 118B6E looks on a white background.

## Color Contrast Check

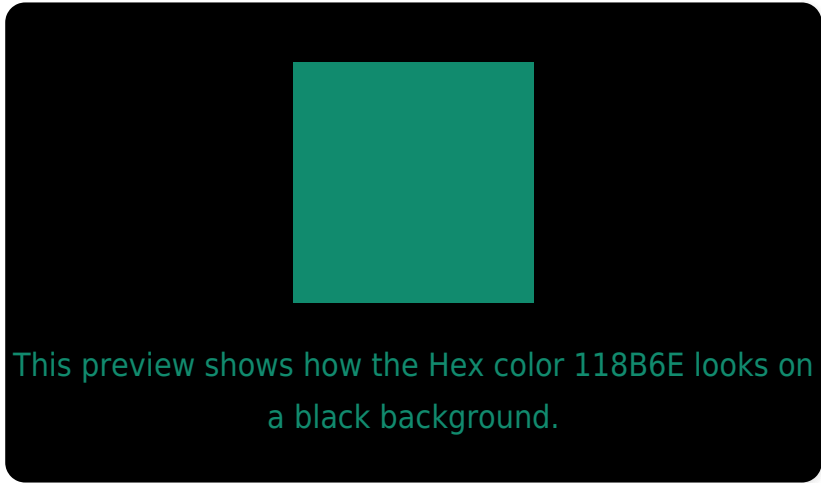
Large Text (above 18pt) WCAG AA ✓ Pass

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

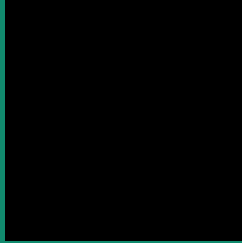
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 118B6E Background



This preview shows how black text looks on a background with the Hex color 118B6E.



This preview shows how white text looks on a background with the Hex color 118B6E.

# 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



**Original Color**  
118B6E

**Protanopia**  
817A65

**Deuteranopia**  
897673



**Tritanopia**  
2D8691

# Trichromacy



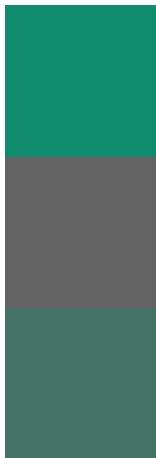
**Original Color**  
118B6E

**Protanomaly**  
588068

**Deuteranomaly**  
5D7E71

**Tritanomaly**  
238884

# Monochromacy



**Original Color**  
118B6E

**Achromatopsia**  
636363

**Achromatomaly**  
457267

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 118B6E 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 #118B6E looks like.

```
.text, #text, p{  
    color:#118B6E  
}
```

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 #118B6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #118B6E
}
```

## Border

The CSS property to change the border of an element to Hex 118B6E 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
#118B6E }
```

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

```
.border{ border-color:#118B6E }
```

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

Here you see how a box with a 4 pixel #118B6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #118B6E; -webkit-box-shadow:4px 4px  
4px 4px #118B6E; box-shadow:4px 4px 4px  
4px #118B6E }
```

# Background

The CSS property to change the background color of an element to Hex 118B6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#118B6E }
```

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

```
.background{ background-color:#118B6E }
```

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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