

# Converting Colors

Hex(119E5F)

Have a look what the booklet for  
Hex(119E5F) contains.

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# Color

Hex(119E5F)

# Conversions

## Conversions Part 1

Format	Color
Hex	119E5F
RGB	17, 158, 95
RGB Percent	7%, 62%, 37%
CMY	0.9333, 0.3804, 0.6275
CMYK	0.89, 0.00, 0.40, 0.38
HSL	153°, 81%, 34%
HSV	153°, 89%, 62%
XYZ	14.5236, 25.3991, 14.9635
YIQ	108.6590, -63.8130, -49.4850

# Conversions

## Conversions Part 2

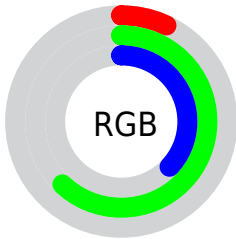
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 108, 158
Decimal	1154655
CIELab	57.46, -49.34, 23.45
CIELCh	57, 54.627, 154.579
Yxy	25.3991, 0.2646, 0.4628
Android (android.graphics.Color)	4279344735 (0xFF119E5F)
YUV	108.6590, -6.7339, -80.3849
Hunter-Lab	50.3975, -36.7555, 17.6745

# Details

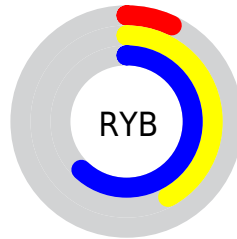
The Hex color **119E5F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9E1150**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5CD692**, and **006930** is the 20% darker color. If you saturate the color by 10%, you get **019E58**, and if you desaturate by 10%, it is **219E66**.

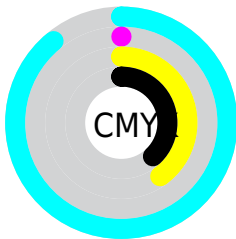
# Distribution



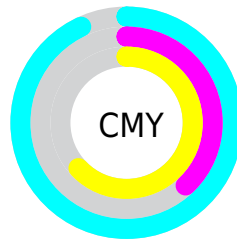
- Red (7%)
- Green (62%)
- Blue (37%)



- Red (7%)
- Yellow (42%)
- Blue (62%)



- Cyan (89%)
- Magenta (0%)
- Yellow (40%)
- Black (38%)



- Cyan (93%)
- Magenta (38%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 119E5F 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 119E5F by changing the saturation by 10% instead.




 119E5F

 119E5F


FFFFFF

 008347

 5CD692

 006930

 7AF3AD

 005019

 97FFC8

 003801


 B4FFE4


 002100


 D2FFFF

 000000

 F0FFFF

 119E5F

 119E5F

 019E58

 219E66

■ 009E57

■ 319E6D

■ 409E74

■ 509E7B

■ 609E82

■ 709E89

■ 809E90

■ 8F9E97

■ 9F9E9F

# Harmonies

## Analogous

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



6B9736



119E5F



00A190

# Triad

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



119E5F



288DE9



DC6656

# Complementary

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



119E5F



9E1150

# 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.



E05D85



119E5F



957AD9

# Square

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



119E5F



009AE0



CA67B4



C37832

# Rectangle

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



119E5F



00A1B0



CA67B4



E06165



# Sweetspot

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



119E5F



97CFB6



509E11



47695A



E8E8E8



696969



# Same Dimension

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



119E5F



00CF72



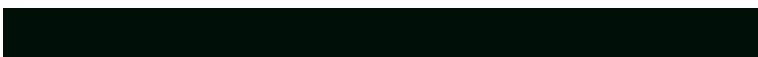
11979E



474F4C



008F4F



000F08



# Inverse Universe

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



9E1150



CF005C



9E1811



4F474B



8F0040



0F0007



# Previews

## White Background



This preview shows how the Hex color 119E5F looks on a white background.

## Color Contrast Check

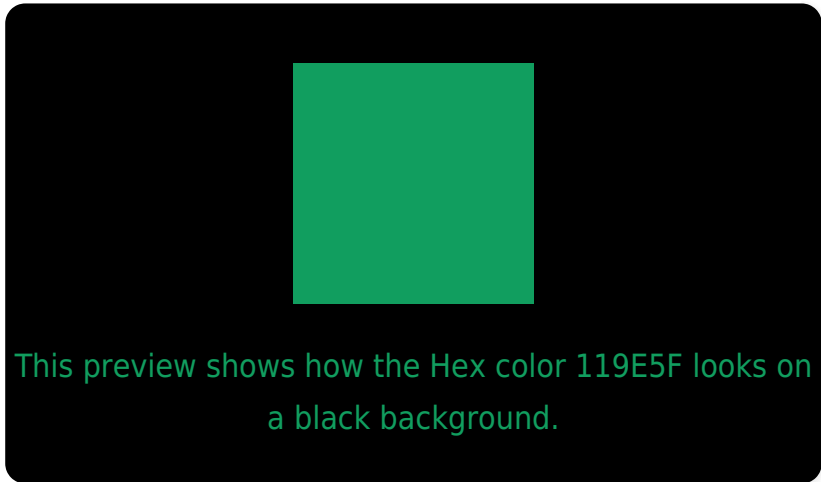
Large Text (above 18pt) WCAG AA ✓ Pass

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 119E5F Background



This preview shows how black text looks on a background with the Hex color 119E5F.



This preview shows how white text looks on a background with the Hex color 119E5F.

# 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**  
3B96A2

# Trichromacy



**Original Color**  
119E5F



**Protanomaly**  
65915A



**Deuteranomaly**  
6D8D63



**Tritanomaly**  
2C998A

# Monochromacy



**Original Color**  
119E5F



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
4C7F68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 119E5F 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 #119E5F looks like.

```
.text, #text, p{  
    color:#119E5F  
}
```

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 #119E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #119E5F
}
```

## Border

The CSS property to change the border of an element to Hex 119E5F 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
#119E5F }
```

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

```
.border{ border-color:#119E5F }
```

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

Here you see how a box with a 4 pixel #119E5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #119E5F; -webkit-box-shadow:4px 4px  
4px 4px #119E5F; box-shadow:4px 4px 4px  
4px #119E5F }
```

# Background

The CSS property to change the background color of an element to Hex 119E5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#119E5F }
```

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

```
.background{ background-color:#119E5F }
```

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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