

# Converting Colors

Hex(117F65)

Have a look what the booklet for  
Hex(117F65) contains.

<b>Hex(117F65)</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(117F65)

# Conversions

## Conversions Part 1

Format	Color
Hex	117F65
RGB	17, 127, 101
RGB Percent	7%, 50%, 40%
CMY	0.9333, 0.5020, 0.6039
CMYK	0.87, 0.00, 0.20, 0.50
HSL	166°, 76%, 28%
HSV	166°, 87%, 50%
XYZ	10.1695, 16.2375, 14.9101
YIQ	91.1460, -57.2140, -31.4060

# Conversions

## Conversions Part 2

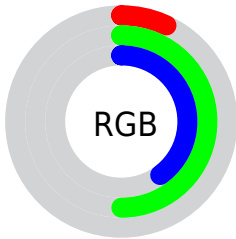
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 79, 127
Decimal	1146725
CIE Lab	47.28, -35.41, 6.02
CIE LCh	47, 35.918, 170.344
Yxy	16.2375, 0.2461, 0.3930
Android (android.graphics.Color)	4279336805 (0xFF117F65)
YUV	91.1460, 4.8580, -65.0260
Hunter-Lab	40.2958, -25.4693, 6.2688

# Details

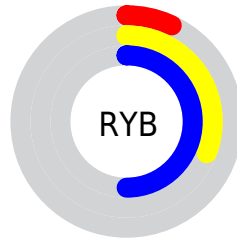
The Hex color **117F65** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7F112B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **54B598**, and **004D36** is the 20% darker color. If you saturate the color by 10%, you get **047F62**, and if you desaturate by 10%, it is **1E7F68**.

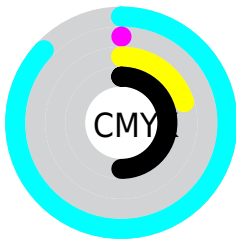
# Distribution



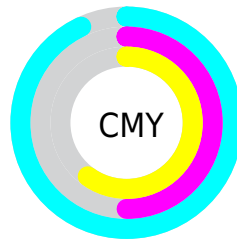
- Red (7%)
- Green (50%)
- Blue (40%)



- Red (7%)
- Yellow (31%)
- Blue (50%)



- Cyan (87%)
- Magenta (0%)
- Yellow (20%)
- Black (50%)




- Cyan (93%)
- Magenta (50%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 117F65 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 117F65 by changing the saturation by 10% instead.



 117F65

 117F65

FFFFFF

 00654D

 54B598

 004D36

 71D0B3

 003521

 8DEDCE


 00210A

 A9FFEA

 000000

 C6FFFF

 E3FFFF

 117F65

 117F65

 047F62

 1E7F68

■ 007F61

■ 2A7F6B

■ 377F6E

■ 447F71

■ 517F74

■ 5D7F77

■ 6A7F7A

■ 777F7D

■ 837F80

# Harmonies

## Analogous

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



4B7B48



117F65



007F84

# Triad

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



117F65



636CA9



A06043

# Complementary

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



117F65



7F112B

# 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.



A9585D



117F65



8C6097

# Square

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



117F65



1E76AB



A3587B



8B6B33

# Rectangle

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



117F65



007E96



A3587B



A55D4A



# Sweetspot

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



117F65



7BA69C



2D7F11



3A544E



D4D4D4



545454



# Same Dimension

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



117F65



00A67F



11647F



39403E



008061



000000



# Inverse Universe

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



7F112B



A60027



7F2D11



40393B



80001E



000000



# Previews

## White Background



This preview shows how the Hex color 117F65 looks on a white background.

## Color Contrast Check

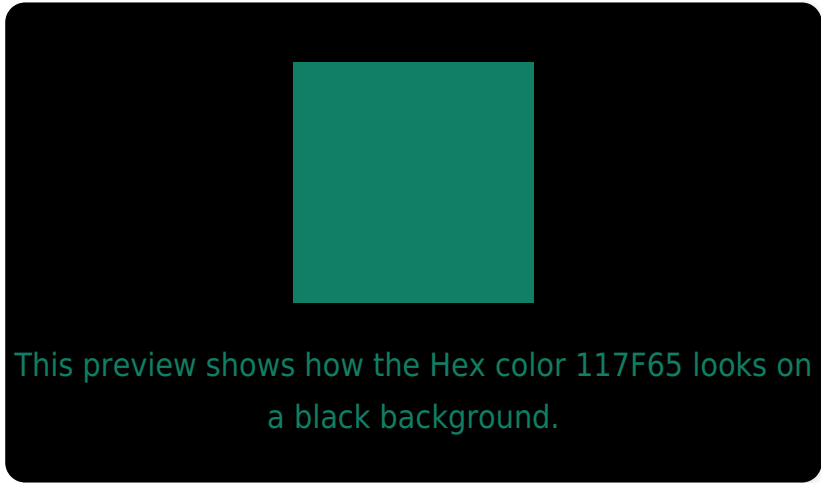
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

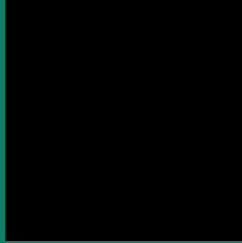
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 117F65 Background



This preview shows how black text looks on a background with the Hex color 117F65.



This preview shows how white text looks on a background with the Hex color 117F65.

# 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**  
297B85

# Trichromacy



**Original Color**

117F65



**Protanomaly**

517560



**Deuteranomaly**

567368



**Tritanomaly**

207C79

# Monochromacy



**Original Color**

117F65



**Achromatopsia**

5B5B5B



**Achromatomaly**

40685F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 117F65 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 #117F65 looks like.

```
.text, #text, p{  
    color:#117F65  
}
```

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 #117F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #117F65
}
```

## Border

The CSS property to change the border of an element to Hex 117F65 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
#117F65 }
```

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

```
.border{ border-color:#117F65 }
```

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

Here you see how a box with a 4 pixel #117F65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #117F65; -webkit-box-shadow:4px 4px  
4px 4px #117F65; box-shadow:4px 4px 4px  
4px #117F65 }
```

# Background

The CSS property to change the background color of an element to Hex 117F65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#117F65 }
```

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

```
.background{ background-color:#117F65 }
```

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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