

# Converting Colors

Hex(117651)

Have a look what the booklet for  
Hex(117651) contains.

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# Color

**Hex(117651)**

# Conversions

## Conversions Part 1

Format	Color
Hex	117651
RGB	17, 118, 81
RGB Percent	7%, 46%, 32%
CMY	0.9333, 0.5373, 0.6824
CMYK	0.86, 0.00, 0.31, 0.54
HSL	158°, 75%, 26%
HSV	158°, 86%, 46%
XYZ	8.1948, 13.6701, 9.9913
YIQ	83.5830, -48.3190, -32.9190

# Conversions

## Conversions Part 2

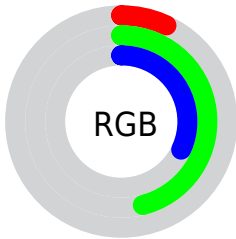
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 79, 118
Decimal	1144401
CIELab	43.76, -36.68, 12.82
CIELCh	44, 38.858, 160.738
Yxy	13.6701, 0.2572, 0.4291
Android (android.graphics.Color)	4279334481 (0xFF117651)
YUV	83.5830, -1.2734, -58.3933
Hunter-Lab	36.9731, -25.1398, 9.8592

# Details

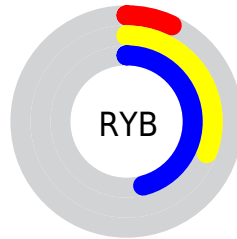
The Hex color **117651** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **761136**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **51AB82**, and **004424** is the 20% darker color. If you saturate the color by 10%, you get **05764D**, and if you desaturate by 10%, it is **1D7655**.

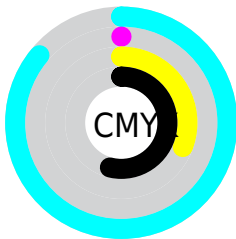
# Distribution



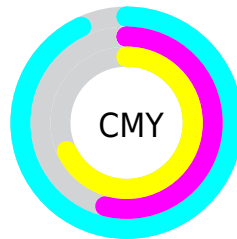
- Red (7%)
- Green (46%)
- Blue (32%)



- Red (7%)
- Yellow (31%)
- Blue (46%)



- Cyan (86%)
- Magenta (0%)
- Yellow (31%)
- Black (54%)




- Cyan (93%)
- Magenta (54%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 117651 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 117651 by changing the saturation by 10% instead.



 117651

 117651

FFFFFF

 005D3A

 51AB82

 004424

 6DC79D

 002D0F

 88E3B7

 001600


 A4FFD3

 000000

 C1FFEF

 DEFFFF

 FBFFFF

 117651

 117651

■ 05764D

■ 1D7655

■ 00764B

■ 29765A

■ 34765E

■ 407662

■ 4C7667

■ 58766B

■ 64766F

■ 6F7674

■ 7B7678

# Harmonies

## Analogous

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



4C7134



117651



007872

# Triad

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



117651



4367A7



9E523F

# Complementary

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



117651



761136

# 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.



A34B5D



117651



795A98

# Square

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



117651



0071A4



984F7D



8B5E29

# Rectangle

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



117651



007787



984F7D



A14F48



# Sweetspot

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



117651



71998A



367611



354D44



CCCCCC



4D4D4D



# Same Dimension

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



117651



009961



116976



353B39



007A4E



00FA9E



# Inverse Universe

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



761136



990038



761E11



3B3537



7A002D

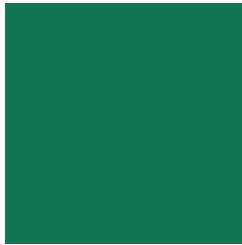


FA005C



# Previews

## White Background



This preview shows how the Hex color 117651 looks on a white background.

## Color Contrast Check

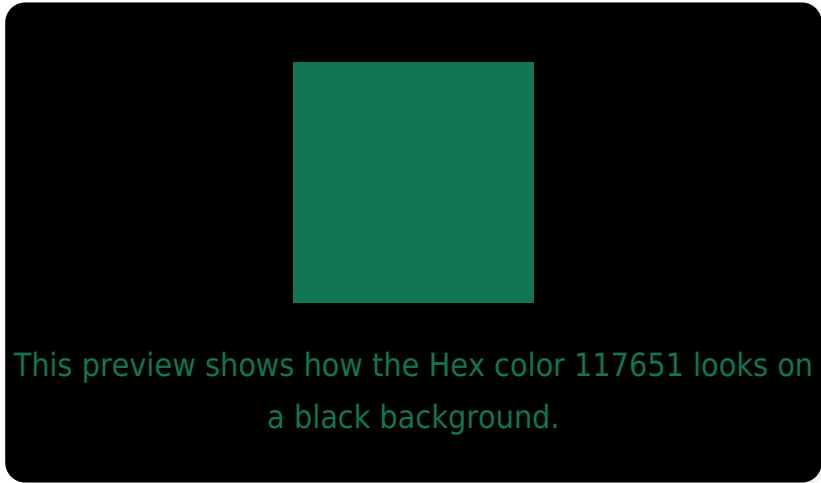
Large Text (above 18pt) WCAG AA ✓ Pass

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 117651 Background



This preview shows how black text looks on a background with the Hex color 117651.



This preview shows how white text looks on a background with the Hex color 117651.

# 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**  
117651

**Protanopia**  
6F674A

**Deuteranopia**  
776355



**Tritanopia**  
2B717A

# Trichromacy



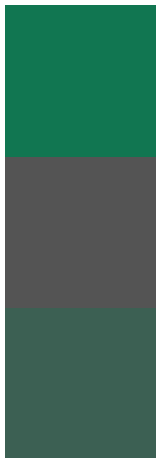
**Original Color**  
117651

**Protanomaly**  
4D6C4D

**Deuteranomaly**  
526A54

**Tritanomaly**  
22736B

# Monochromacy



**Original Color**  
117651

**Achromatopsia**  
545454

**Achromatomaly**  
3C6053

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 117651 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 #117651 looks like.

```
.text, #text, p{  
    color:#117651  
}
```

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 #117651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #117651
}
```

## Border

The CSS property to change the border of an element to Hex 117651 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
#117651 }
```

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

```
.border{ border-color:#117651 }
```

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

Here you see how a box with a 4 pixel #117651 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #117651; -webkit-box-shadow:4px 4px  
4px 4px #117651; box-shadow:4px 4px 4px  
4px #117651 }
```

# Background

The CSS property to change the background color of an element to Hex 117651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#117651 }
```

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

```
.background{ background-color:#117651 }
```

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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