

# Converting Colors

Hex(117118)

Have a look what the booklet for  
Hex(117118) contains.

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# Color

Hex(117118)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	117118
RGB	17, 113, 24
RGB Percent	7%, 44%, 9%
CMY	0.9333, 0.5569, 0.9059
CMYK	0.85, 0.00, 0.79, 0.56
HSL	124°, 74%, 25%
HSV	124°, 85%, 44%
XYZ	6.3012, 11.9954, 2.8474
YIQ	74.1500, -28.6470, -48.0310

# Conversions

## Conversions Part 2

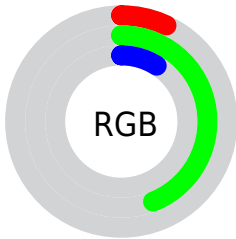
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 106, 113
Decimal	1143064
CIELab	41.21, -44.23, 39.27
CIELCh	41, 59.146, 138.396
Yxy	11.9954, 0.2980, 0.5673
Android (android.graphics.Color)	4279333144 (0xFF117118)
YUV	74.1500, -24.7240, -50.1206
Hunter-Lab	34.6343, -28.1349, 19.3696

# Details

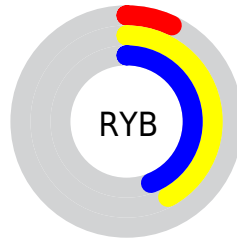
The Hex color **117118** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **71116A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **51A64A**, and **003F00** is the 20% darker color. If you saturate the color by 10%, you get **06710E**, and if you desaturate by 10%, it is **1C7122**.

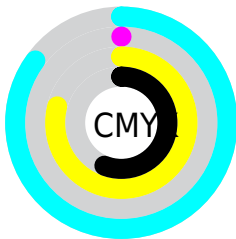
# Distribution



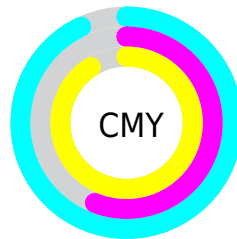
- Red (7%)
- Green (44%)
- Blue (9%)



- Red (7%)
- Yellow (42%)
- Blue (44%)



- Cyan (85%)
- Magenta (0%)
- Yellow (79%)
- Black (56%)




- Cyan (93%)
- Magenta (56%)
- Yellow (91%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 117118 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 117118 by changing the saturation by 10% instead.



 117118

 117118

FFFFFF

 005800

 51A64A

 003F00

 6DC163

 002A00

 89DE7D

 000800


 A5FB98

 000000

 C1FFB3

 DEFFCF

 FCFEC

 117118

 117118

■ 06710E

■ 1C7122

■ 007108

■ 28712D

■ 337137

■ 3E7142

■ 4A714C

■ 557157

■ 607161

■ 6B716C

■ 777176

# Harmonies

## Analogous

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



5A6800



117118



00754C

# Triad

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



117118



006DC1



B52A46

# Complementary

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



117118



71116A

# 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.



AD2B76



117118



2B5DBE

# Square

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



117118



0074A9



8744A2



A64217

# Rectangle

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



117118



00776E



8744A2



B62756



# Sweetspot

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



117118



6F9472



6B7111



344A35



C9C9C9



4A4A4A



# Same Dimension

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



117118



00940B



117147



323833



007809



00F712



# Inverse Universe

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



71116A



940089



71113B



383238



78006F

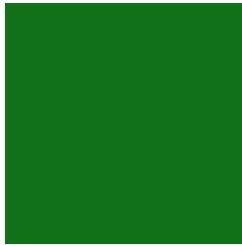


F700E5



# Previews

## White Background



This preview shows how the Hex color 117118 looks on a white background.

## Color Contrast Check

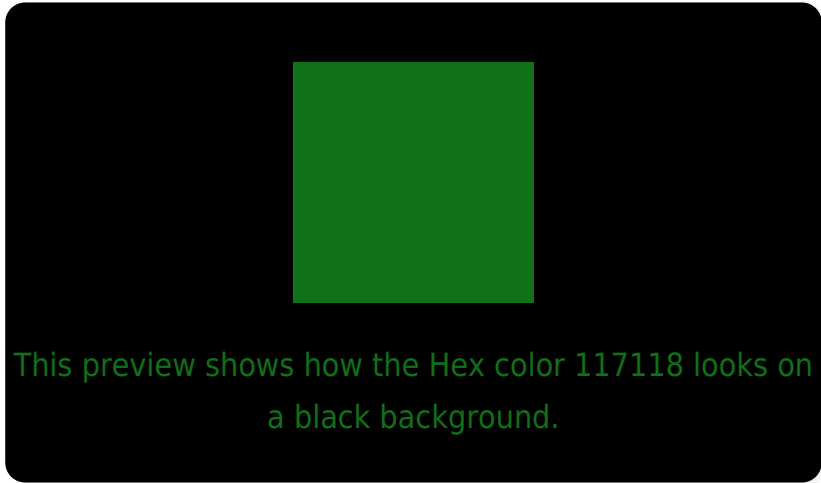
Large Text (above 18pt) WCAG AA ✓ Pass

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

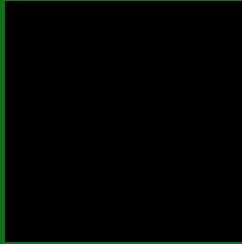
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 117118 Background



This preview shows how black text looks on a background with the Hex color 117118.



This preview shows how white text looks on a background with the Hex color 117118.

# 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**  
117118

**Protanopia**  
6D6114

**Deuteranopia**  
795C22



**Tritanopia**  
316972

# Trichromacy



**Original Color**

117118



**Protanomaly**

4C6715



**Deuteranomaly**

53641E



**Tritanomaly**

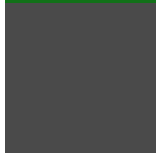
256C51

# Monochromacy



**Original Color**

117118



**Achromatopsia**

4A4A4A



**Achromatomaly**

355838

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 117118 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 #117118 looks like.

```
.text, #text, p{  
    color:#117118  
}
```

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 #117118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #117118
}
```

## Border

The CSS property to change the border of an element to Hex 117118 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
#117118 }
```

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

```
.border{ border-color:#117118 }
```

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

Here you see how a box with a 4 pixel #117118 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #117118; -webkit-box-shadow:4px 4px  
4px 4px #117118; box-shadow:4px 4px 4px  
4px #117118 }
```

# Background

The CSS property to change the background color of an element to Hex 117118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#117118 }
```

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

```
.background{ background-color:#117118 }
```

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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