

Converting Colors

Hex(117E03)

Have a look what the booklet for
Hex(117E03) contains.

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Color

Hex(117E03)

Conversions

Conversions Part 1

Format	Color
Hex	117E03
RGB	17, 126, 3
RGB Percent	7%, 49%, 1%
CMY	0.9333, 0.5059, 0.9882
CMYK	0.87, 0.00, 0.98, 0.51
HSL	113°, 95%, 25%
HSV	113°, 98%, 49%
XYZ	7.7085, 15.0475, 2.5843
YIQ	79.3870, -25.4810, -61.3610

Conversions

Conversions Part 2

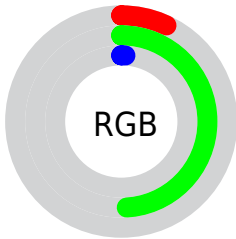
Format	Color
R_{YB}	3, 126, 112
Decimal	1146371
CIE Lab	45.70, -49.52, 48.90
CIE LCh	46, 69.593, 135.358
Yxy	15.0475, 0.3042, 0.5938
Android (android.graphics.Color)	4279336451 (0xFF117E03)
YUV	79.3870, -37.6588, -54.7134
Hunter-Lab	38.7910, -32.4133, 23.2037

Details

The Hex color **117E03** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **70037E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **56B441**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **0E7E00**, and if you desaturate by 10%, it is **1C7E10**.

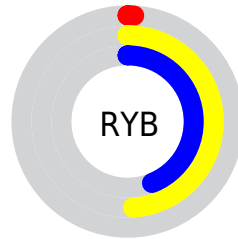
Distribution



Red (7%)

Green (49%)

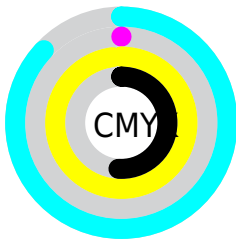
Blue (1%)



Red (1%)

Yellow (49%)

Blue (44%)

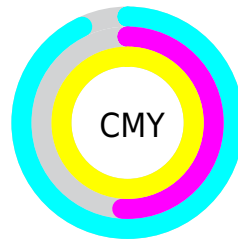


Cyan (87%)

Magenta (0%)

Yellow (98%)

Black (51%)



Cyan (93%)


Magenta (51%)


Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 117E03 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 117E03 by changing the saturation by 10% instead.

 117E03

 117E03

FFFFFF

 006400

 56B441

 004B00

 73D05B

 003400

 8FEC75

 001C00


 ACFF90

 000000

 C9FFAB

 E6FFC7

 FFFFE4

 117E03

 117E03

■ 0E7E00

■ 1C7E10

■ 277E1C

■ 327E29

■ 3E7E35

■ 497E42

■ 547E4F

■ 5F7E5B

■ 6A7E68

■ 757E74

Harmonies

Analogous

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



687300



117E03



00834D

Triad

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



117E03



007BDE



D01F51

Complementary

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



117E03



70037E

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.



C4278B



117E03



0069DE

Square

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



117E03



0083BF



924CBF



C04118

Rectangle

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



117E03



008575



924CBF



D01A64

Sweetspot

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



117E03



79A374



7E7003



385235



D1D1D1



525252

Same Dimension

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



117E03



13A300



037E32



3A4039



0F8000



000000

Inverse Universe

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



70037E



9100A3



7E034F



3F3940



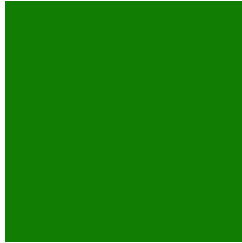
710080



000000

Previews

White Background



This preview shows how the Hex color 117E03 looks on a white background.

Color Contrast Check

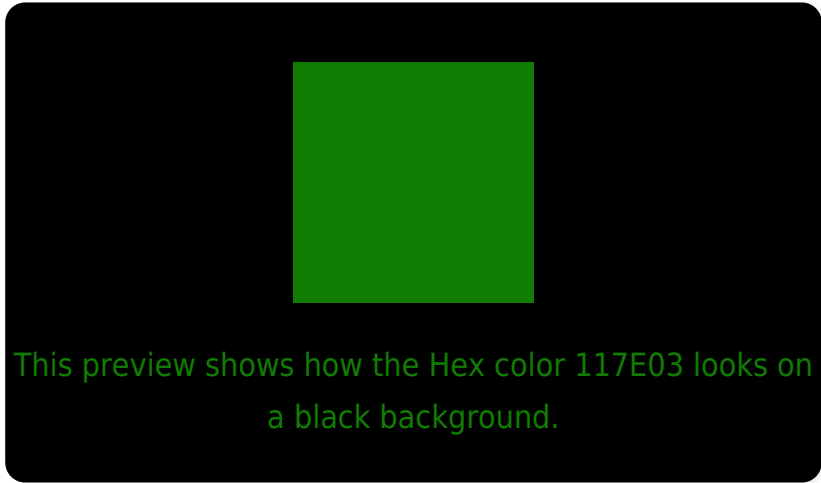
Large Text (above 18pt) WCAG AA ✓ Pass

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 117E03 Background



This preview shows how black text looks on a background with the Hex color 117E03.



This preview shows how white text looks on a background with the Hex color 117E03.

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
117E03

Protanopia
7A6C00

Deuteranopia
87661B



Tritanopia
37757F

Trichromacy



Original Color
117E03



Protanomaly
547301



Deuteranomaly
5C6F12



Tritanomaly
297852

Monochromacy



Original Color
117E03



Achromatopsia
4F4F4F



Achromatomaly
386033

CSS Examples

Text

The CSS property to change the color of the text to Hex 117E03 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 #117E03 looks like.

```
.text, #text, p{  
    color:#117E03  
}
```

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 #117E03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #117E03
}
```

Border

The CSS property to change the border of an element to Hex 117E03 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".

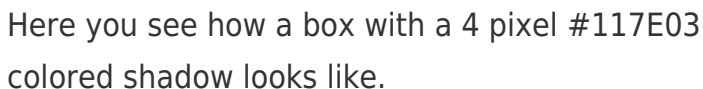
```
.border, #border, table{ border:4px solid
#117E03 }
```

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

```
.border{ border-color:#117E03 }
```

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

Here you see how a box with a 4 pixel #117E03 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #117E03; -webkit-box-shadow:4px 4px  
4px 4px #117E03; box-shadow:4px 4px 4px  
4px #117E03 }
```

Background

The CSS property to change the background color of an element to Hex 117E03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#117E03 }
```

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

```
.background{ background-color:#117E03 }
```

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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