

Converting Colors

Hex(117317)

Have a look what the booklet for
Hex(117317) contains.

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Color

Hex(117317)

Conversions

Conversions Part 1

Format	Color
Hex	117317
RGB	17, 115, 23
RGB Percent	7%, 45%, 9%
CMY	0.9333, 0.5490, 0.9098
CMYK	0.85, 0.00, 0.80, 0.55
HSL	124°, 74%, 26%
HSV	124°, 85%, 45%
XYZ	6.5166, 12.4425, 2.8688
YIQ	75.2100, -28.8760, -49.3880

Conversions

Conversions Part 2

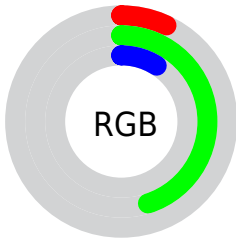
Format	Color
RYB	17, 109, 115
Decimal	1143575
CIELab	41.91, -44.97, 40.33
CIELCh	42, 60.410, 138.113
Yxy	12.4425, 0.2985, 0.5700
Android (android.graphics.Color)	4279333655 (0xFF117317)
YUV	75.2100, -25.7395, -51.0502
Hunter-Lab	35.2739, -28.7530, 19.8697

Details

The Hex color **117317** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **73116D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **52A84A**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **05730C**, and if you desaturate by 10%, it is **1D7322**.

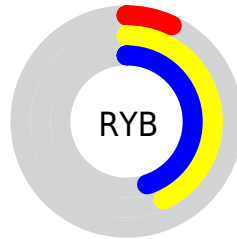
Distribution



Red (7%)

Green (45%)

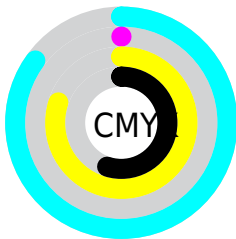
Blue (9%)



Red (7%)

Yellow (43%)

Blue (45%)

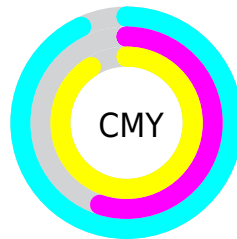


Cyan (85%)

Magenta (0%)

Yellow (80%)

Black (55%)



Cyan (93%)


Magenta (55%)


Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 117317 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 117317 by changing the saturation by 10% instead.

 117317

 117317

FFFFFF

 005A00

 52A84A

 004100

 6EC463

 002B00

 8AE07D

 000D00


 A6FD98

 000000

 C2FFB3

 DFFFCF

 FDFFE8

 117317

 117317

■ 05730C

■ 1D7322

■ 007307

■ 28732D

■ 337337

■ 3F7342

■ 4B734D

■ 567358

■ 627363

■ 6D736D

■ 797378

Harmonies

Analogous

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



5C6A00



117317



00784D

Triad

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



117317



006FC5



B92A47

Complementary

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



117317



73116D

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.



B12B79



117317



285EC2

Square

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



117317



0077AD



8946A6



A94217

Rectangle

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



117317



007970



8946A6



B92658

Sweetspot

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



117317



6F9672



6E7311



354D36



CCCCCC



4D4D4D

Same Dimension

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



117317



009609



117347



353B35



007A07



00FA0F

Inverse Universe

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



73116D



96008D



73113D



3B353A



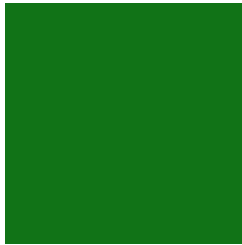
7A0073



FA00EB

Previews

White Background



This preview shows how the Hex color 117317 looks on a white background.

Color Contrast Check

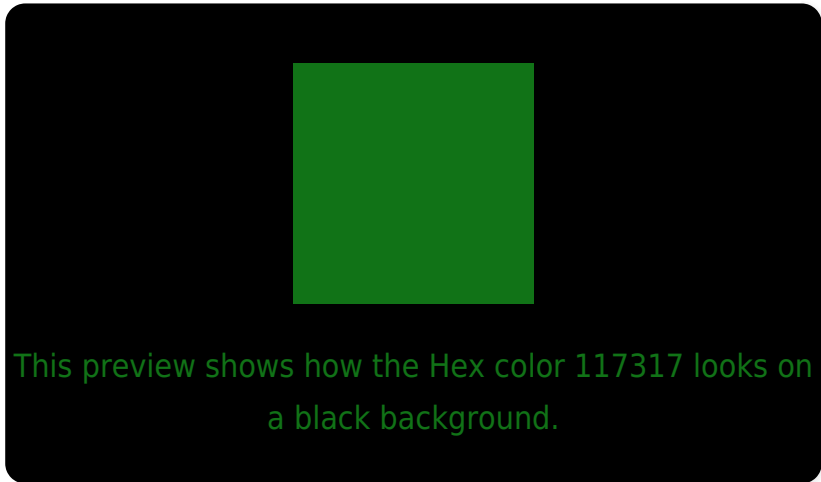
Large Text (above 18pt) WCAG AA ✓ Pass

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 117317 Background



This preview shows how black text looks on a background with the Hex color 117317.



This preview shows how white text looks on a background with the Hex color 117317.

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
117317

Protanopia
6F6313

Deuteranopia
7B5E21



Tritanopia
326B74

Trichromacy



Original Color

117317



Protanomaly

4D6914



Deuteranomaly

54661D



Tritanomaly

266E52

Monochromacy



Original Color

117317



Achromatopsia

4B4B4B



Achromatomaly

365A38

CSS Examples

Text

The CSS property to change the color of the text to Hex 117317 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 #117317 looks like.

```
.text, #text, p{  
    color:#117317  
}
```

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 #117317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #117317
}
```

Border

The CSS property to change the border of an element to Hex 117317 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
#117317 }
```

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

```
.border{ border-color:#117317 }
```

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

Here you see how a box with a 4 pixel #117317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #117317; -webkit-box-shadow:4px 4px  
4px 4px #117317; box-shadow:4px 4px 4px  
4px #117317 }
```

Background

The CSS property to change the background color of an element to Hex 117317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#117317 }
```

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

```
.background{ background-color:#117317 }
```

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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