

Converting Colors

Hex(117931)

Have a look what the booklet for
Hex(117931) contains.

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Color

Hex(117931)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 117931 |
| RGB | 17, 121, 49 |
| RGB Percent | 7%, 47%, 19% |
| CMY | 0.9333, 0.5255, 0.8078 |
| CMYK | 0.86, 0.00, 0.60, 0.53 |
| HSL | 138°, 75%, 27% |
| HSV | 138°, 86%, 47% |
| XYZ | 7.6229, 14.0157, 5.2093 |
| YIQ | 81.6960, -38.8720, -44.4400 |

Conversions

Conversions Part 2

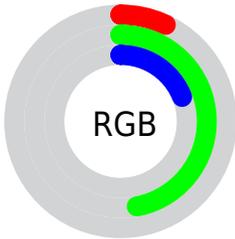
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 17, 97, 121 |
| Decimal | 1145137 |
| CIELab | 44.26, -44.10, 31.28 |
| CIElCh | 44, 54.067, 144.648 |
| Yxy | 14.0157, 0.2839, 0.5220 |
| Android (android.graphics.Color) | 4279335217 (0xFF117931) |
| YUV | 81.6960, -16.1191, -56.7384 |
| Hunter-Lab | 37.4375, -29.1700, 17.9563 |

Details

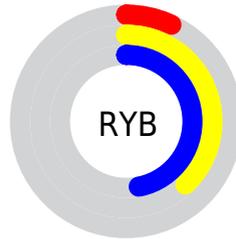
The Hex color **117931** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **791159**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **52AE61**, and **004701** is the 20% darker color. If you saturate the color by 10%, you get **057929**, and if you desaturate by 10%, it is **1D7939**.

Distribution



- Red (7%)
- Green (47%)
- Blue (19%)



- Red (7%)
- Yellow (38%)
- Blue (47%)



- Cyan (86%)
- Magenta (0%)
- Yellow (60%)
- Black (53%)



- Cyan (93%)
- Magenta (53%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 117931 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 117931 by changing the saturation by 10% instead.

■ 117931

■ 117931

FFFFFF

■ 005F19

■ 52AE61

■ 004701

■ 6ECA7B

■ 003000

■ 8AE795

■ 001700

■ A6FFB0

■ 000000

■ C3FFCC

■ E0FFE8

FEFFFF

■ 117931

■ 117931

■ 057929

■ 1D7939

■ 007925

■ 297942

■ 35794A

■ 417953

■ 4D795B

■ 5A7963

■ 66796C

■ 727974

■ 7E797C

Harmonies

Analogous

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



5A7102



117931



007D5F

Triad

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



117931



0070C3



B73E46

Complementary

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



117931



791159

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.



B43B73



117931



5760BB

Square

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



117931



007AB2



974B9D



A5511D

Rectangle

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



117931



007D7E



974B9D



B93B55

Sweetspot

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



117931



759E82



5A7911



374F3E



CFCFCF



4F4F4F

Same Dimension

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



117931



009E31



117964



373D39



007D26



00FC4E

Inverse Universe

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



791159



9E006D



791126



3D373B



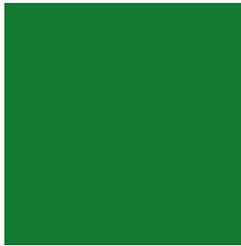
7D0057



FC00AF

Previews

White Background



This preview shows how the Hex color 117931 looks on a white background.

Color Contrast Check

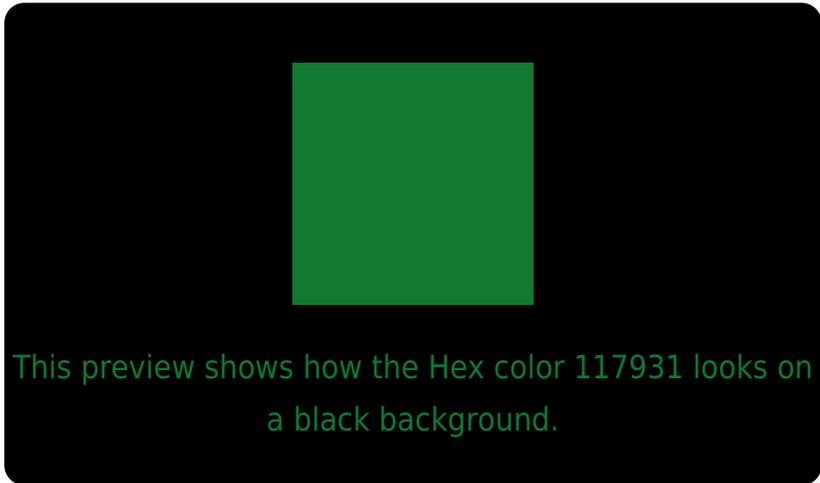
Large Text (above 18pt) WCAG AA ✓ Pass

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 117931 Background



This preview shows how black text looks on a background with the Hex color 117931.



This preview shows how white text looks on a background with the Hex color 117931.

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
117931

Protanopia
74682C

Deuteranopia
806337



Tritanopia
32717B

Trichromacy



Original Color
117931



Protanomaly
506E2E



Deuteranomaly
586B35



Tritanomaly
267460

Monochromacy



Original Color
117931



Achromatopsia
525252



Achromatomaly
3A6046

CSS Examples

Text

The CSS property to change the color of the text to Hex 117931 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 #117931 looks like.

```
.text, #text, p{  
    color:#117931  
}
```

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 #117931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #117931
}
```

Border

The CSS property to change the border of an element to Hex 117931 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".

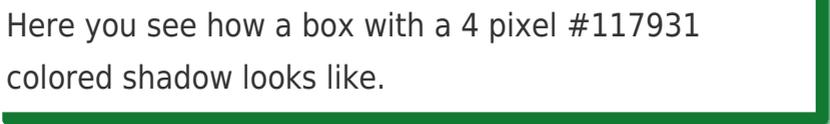
```
.border, #border, table{ border:4px solid
#117931 }
```

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

```
.border{ border-color:#117931 }
```

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

Here you see how a box with a 4 pixel #117931 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #117931; -webkit-box-shadow:4px 4px  
4px 4px #117931; box-shadow:4px 4px 4px  
4px #117931 }
```

Background

The CSS property to change the background color of an element to Hex 117931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#117931 }
```

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

```
.background{ background-color:#117931 }
```

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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