

Converting Colors

Hex(119346)

Have a look what the booklet for
Hex(119346) contains.

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Color

Hex(119346)

Conversions

Conversions Part 1

Format	Color
Hex	119346
RGB	17, 147, 70
RGB Percent	7%, 58%, 27%
CMY	0.9333, 0.4235, 0.7255
CMYK	0.88, 0.00, 0.52, 0.42
HSL	144°, 79%, 32%
HSV	144°, 88%, 58%
XYZ	11.7704, 21.4288, 9.3102
YIQ	99.3520, -52.7630, -51.5070

Conversions

Conversions Part 2

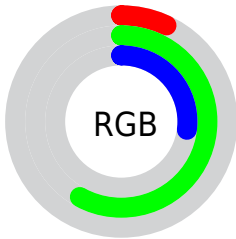
Format	Color
RYB	17, 109, 147
Decimal	1151814
CIELab	53.42, -49.98, 31.57
CIELCh	53, 59.119, 147.722
Yxy	21.4288, 0.2769, 0.5041
Android (android.graphics.Color)	4279341894 (0xFF119346)
YUV	99.3520, -14.4705, -72.2227
Hunter-Lab	46.2913, -35.6229, 20.4794

Details

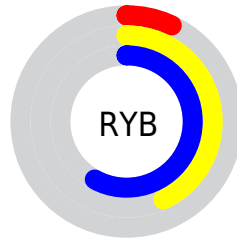
The Hex color **119346** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **93115E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **59CA78**, and **005F16** is the 20% darker color. If you saturate the color by 10%, you get **02933D**, and if you desaturate by 10%, it is **20934F**.

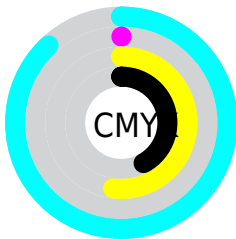
Distribution



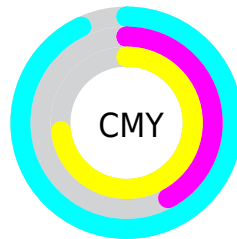
- Red (7%)
- Green (58%)
- Blue (27%)



- Red (7%)
- Yellow (43%)
- Blue (58%)



- Cyan (88%)
- Magenta (0%)
- Yellow (52%)
- Black (42%)





- Cyan (93%)
- Magenta (42%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 119346 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 119346 by changing the saturation by 10% instead.

 119346

 119346

FFFFFF

 00792E

 59CA78

 005F16

 77E792

 004600

 94FFAD

 002F00


 B0FFC9

 001400

 CEFFE5

 000000

 EBFFFF

 119346

 119346

 02933D

 20934F

■ 00933C

■ 2E9357

■ 3D9360

■ 4C9369

■ 5A9372

■ 69937A

■ 789383

■ 87938C

■ 959394

Harmonies

Analogous

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



6A8A17



119346



00977A

Triad

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



119346



0087E6



D85353

Complementary

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



119346



93115E

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.



D74D86



119346



7774DA

Square

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



119346



0092D5



B95CB7



C26827

Rectangle

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



119346



00979D



B95CB7



DB4E64

Sweetspot

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



119346



8CBFA1



5F9311



42614F



E0E0E0



616161

Same Dimension

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



119346



00BF4E



119386



434A46



008A38



000A04

Inverse Universe

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



93115E



BF0071



93111E



4A4347



8A0052



0A0006

Previews

White Background



This preview shows how the Hex color 119346 looks on a white background.

Color Contrast Check

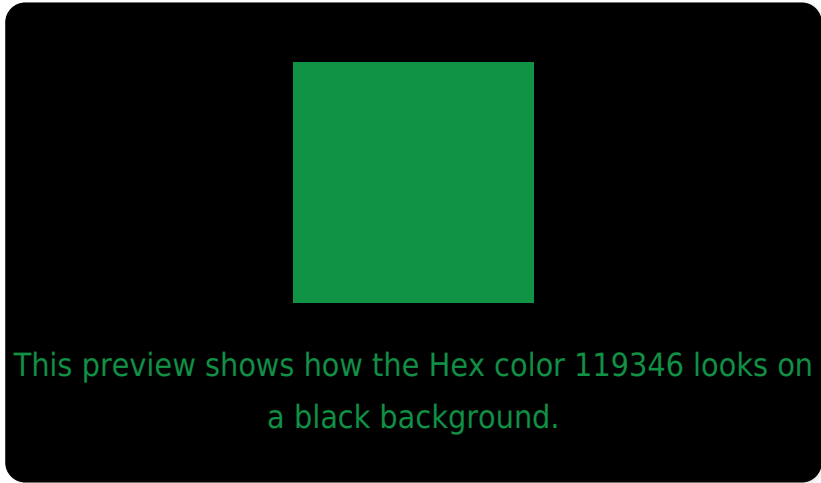
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

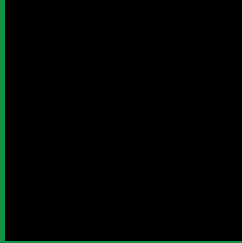
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 119346 Background



This preview shows how black text looks on a background with the Hex color 119346.



This preview shows how white text looks on a background with the Hex color 119346.

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
119346

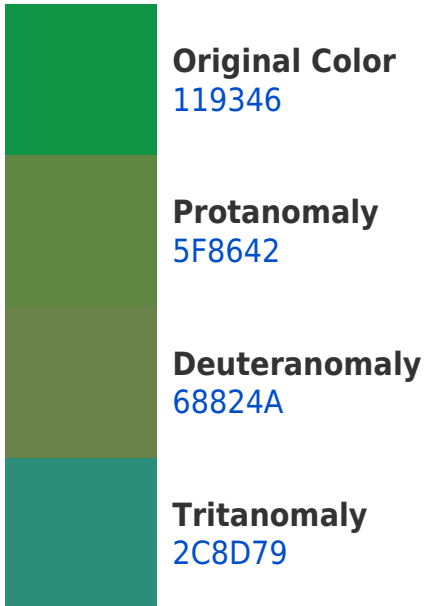
Protanopia
8C7F3F

Deuteranopia
9A794D

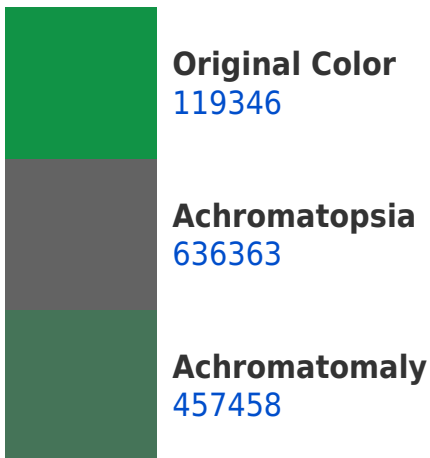


Tritanopia
3B8A96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 119346 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 #119346 looks like.

```
.text, #text, p{  
    color:#119346  
}
```

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 #119346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #119346
}
```

Border

The CSS property to change the border of an element to Hex 119346 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".

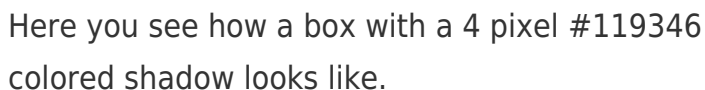
```
.border, #border, table{ border:4px solid
#119346 }
```

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

```
.border{ border-color:#119346 }
```

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

Here you see how a box with a 4 pixel #119346 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #119346; -webkit-box-shadow:4px 4px  
4px 4px #119346; box-shadow:4px 4px 4px  
4px #119346 }
```

Background

The CSS property to change the background color of an element to Hex 119346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#119346 }
```

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

```
.background{ background-color:#119346 }
```

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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