

Converting Colors

Hex(119A35)

Have a look what the booklet for
Hex(119A35) contains.

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Color

Hex(119A35)

Conversions

Conversions Part 1

Format	Color
Hex	119A35
RGB	17, 154, 53
RGB Percent	7%, 60%, 21%
CMY	0.9333, 0.3961, 0.7922
CMYK	0.89, 0.00, 0.66, 0.40
HSL	136°, 80%, 34%
HSV	136°, 89%, 60%
XYZ	12.4294, 23.4874, 7.2466
YIQ	101.5230, -49.2310, -60.4550

Conversions

Conversions Part 2

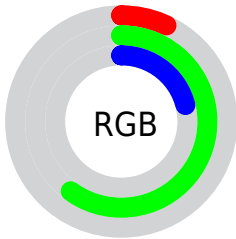
Format	Color
RYB	17, 125, 154
Decimal	1153589
CIELab	55.57, -54.71, 42.35
CIELCh	56, 69.181, 142.256
Yxy	23.4874, 0.2880, 0.5442
Android (android.graphics.Color)	4279343669 (0xFF119A35)
YUV	101.5230, -23.9218, -74.1267
Hunter-Lab	48.4638, -39.0323, 25.0593

Details

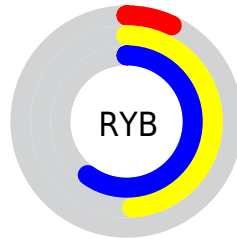
The Hex color **119A35** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9A1176**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5CD268**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **029A2A**, and if you desaturate by 10%, it is **209A40**.

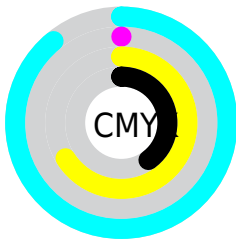
Distribution



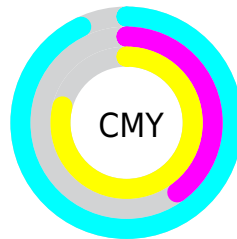
- Red (7%)
- Green (60%)
- Blue (21%)



- Red (7%)
- Yellow (49%)
- Blue (60%)



- Cyan (89%)
- Magenta (0%)
- Yellow (66%)
- Black (40%)





- Cyan (93%)
- Magenta (40%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 119A35 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 119A35 by changing the saturation by 10% instead.

 119A35

 119A35

FFFFFF

 007F1B


 5CD268

 006500

 7AEE82

 004C00

 97FF9D

 003400

 B5FFB8

 001C00

 D2FFD5

 000000

 F0FFF1

 119A35

 119A35

 029A2A

 209A40

■ 009A28

■ 309A4C

■ 3F9A57

■ 4F9A62

■ 5E9A6E

■ 6D9A79

■ 7D9A84

■ 8C9A90

■ 9C9A9B

Harmonies

Analogous

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



758F00



119A35



009F73

Triad

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



119A35



0091FD



ED485C

Complementary

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



119A35



9A1176

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.



E74597



119A35



607CF5

Square

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



119A35



009CE4



BD5FD0



D76323

Rectangle

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



119A35



00A09D



BD5FD0



EF436F

Sweetspot

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



119A35



93C9A1



789A11



45664E



E6E6E6



666666

Same Dimension

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



119A35



00C935



119A78



454D47



008C25



000D03

Inverse Universe

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



9A1176



C90095



9A1133



4D454A



8C0067



0D0009

Previews

White Background



This preview shows how the Hex color 119A35 looks on a white background.

Color Contrast Check

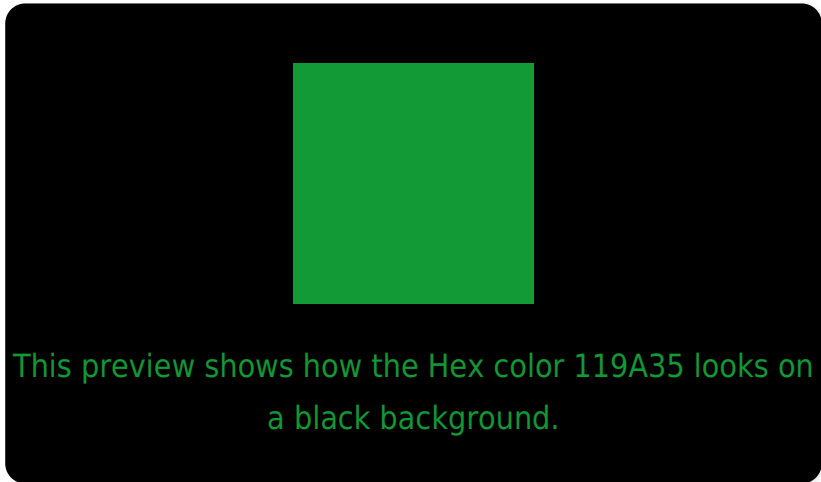
Large Text (above 18pt) WCAG AA ✓ Pass

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 119A35 Background



This preview shows how black text looks on a background with the Hex color 119A35.



This preview shows how white text looks on a background with the Hex color 119A35.

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
119A35

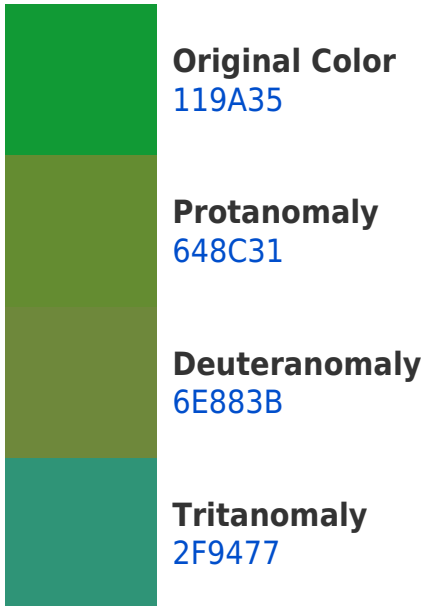
Protanopia
94842F

Deuteranopia
A37E3E



Tritanopia
40909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 119A35 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 #119A35 looks like.

```
.text, #text, p{  
    color:#119A35  
}
```

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 #119A35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #119A35
}
```

Border

The CSS property to change the border of an element to Hex 119A35 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
#119A35 }
```

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

```
.border{ border-color:#119A35 }
```

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

Here you see how a box with a 4 pixel #119A35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #119A35; -webkit-box-shadow:4px 4px  
4px 4px #119A35; box-shadow:4px 4px 4px  
4px #119A35 }
```

Background

The CSS property to change the background color of an element to Hex 119A35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#119A35 }
```

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

```
.background{ background-color:#119A35 }
```

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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