

Converting Colors

Hex(11AA4F)

Have a look what the booklet for
Hex(11AA4F) contains.

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Color

Hex(11AA4F)

Conversions

Conversions Part 1

Format	Color
Hex	11AA4F
RGB	17, 170, 79
RGB Percent	7%, 67%, 31%
CMY	0.9333, 0.3333, 0.6902
CMYK	0.90, 0.00, 0.54, 0.33
HSL	144°, 82%, 37%
HSV	144°, 90%, 67%
XYZ	16.0172, 29.4331, 12.2341
YIQ	113.8790, -61.9770, -60.7370

Conversions

Conversions Part 2

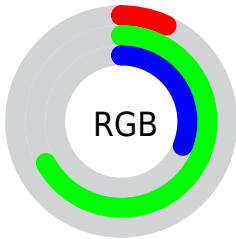
Format	Color
RYB	17, 126, 170
Decimal	1157711
CIELab	61.16, -56.42, 36.53
CIElCh	61, 67.212, 147.079
Yxy	29.4331, 0.2777, 0.5102
Android (android.graphics.Color)	4279347791 (0xFF11AA4F)
YUV	113.8790, -17.1953, -84.9629
Hunter-Lab	54.2523, -42.2421, 24.6065

Details

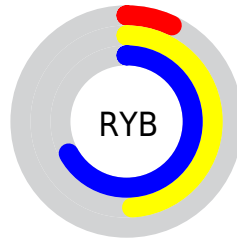
The Hex color **11AA4F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AA116C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **60E382**, and **00741E** is the 20% darker color. If you saturate the color by 10%, you get **00AA45**, and if you desaturate by 10%, it is **22AA59**.

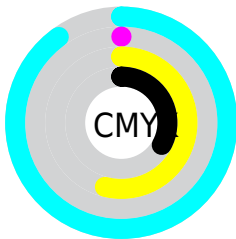
Distribution



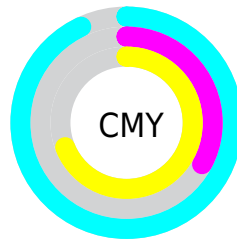
- Red (7%)
- Green (67%)
- Blue (31%)



- Red (7%)
- Yellow (49%)
- Blue (67%)



- Cyan (90%)
- Magenta (0%)
- Yellow (54%)
- Black (33%)




- Cyan (93%)
- Magenta (33%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11AA4F 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 11AA4F by changing the saturation by 10% instead.

 11AA4F

 11AA4F

FFFFFF

 008F36

 60E382

 00741E

 7EFF9D

 005A02

 9CFFB8

 004100

 BAFFD4


 002B00

 D8FFF1

 000800

 F6FFFF

 000000

 11AA4F

 11AA4F

 00AA45

 22AA59

 33AA63

 44AA6D

 55AA77

 66AA82

 77AA8C

 88AA96

 99AAA0

 AAAAAA

Harmonies

Analogous

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



7BA016



11AA4F



00AF8C

Triad

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



11AA4F



009CFF



FB5E61

Complementary

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



11AA4F



AA116C

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.



F9579C



11AA4F



8786FE

Square

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



11AA4F



00A9F7



D56BD5



E1772D

Rectangle

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



11AA4F



00AFB5



D56BD5



FE5974

Sweetspot

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



11AA4F



A2DEBA



6DAA11



4C705B



F0F0F0



707070

Same Dimension

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



11AA4F



00DE5A



11AA9B



4C544F



00943C



001408

Inverse Universe

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



AA116C



DE0084



AA1120



544C51



940058



14000C

Previews

White Background



This preview shows how the Hex color 11AA4F looks on a white background.

Color Contrast Check

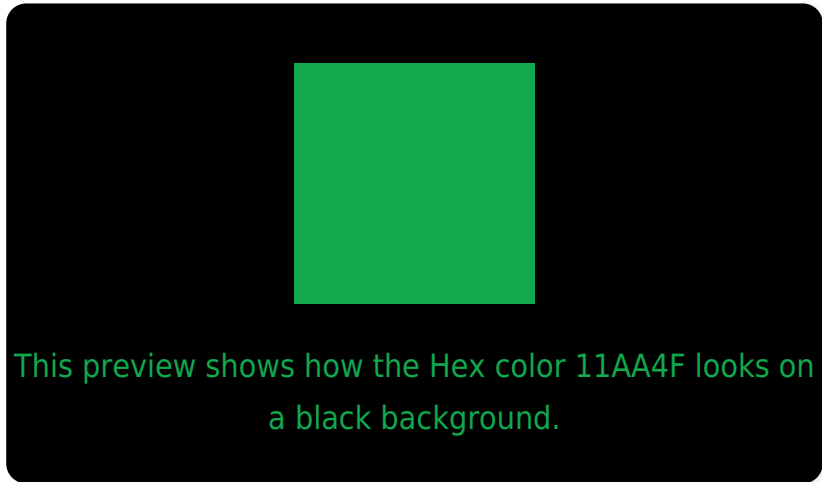
Large Text (above 18pt) WCAG AA ✓ Pass

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 11AA4F Background



This preview shows how black text looks on a background with the Hex color 11AA4F.

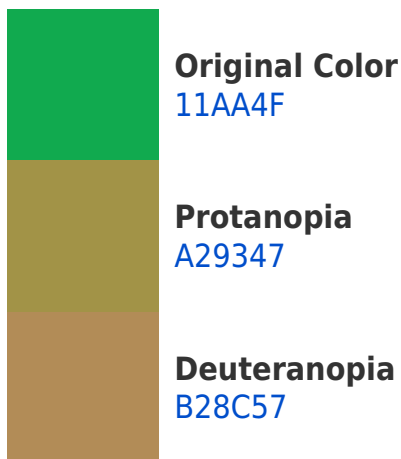


This preview shows how white text looks on a background with the Hex color 11AA4F.

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](#).

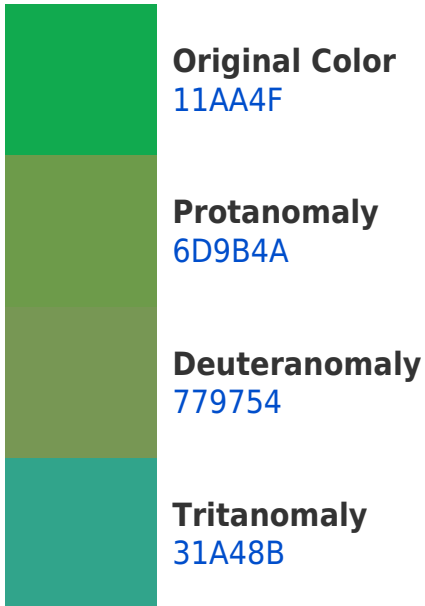
Dichromacy





Tritanopia
44A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 11AA4F 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 #11AA4F looks like.

```
.text, #text, p{  
    color:#11AA4F  
}
```

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 #11AA4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11AA4F
}
```

Border

The CSS property to change the border of an element to Hex 11AA4F 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
#11AA4F }
```

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

```
.border{ border-color:#11AA4F }
```

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

Here you see how a box with a 4 pixel #11AA4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11AA4F; -webkit-box-shadow:4px 4px  
4px 4px #11AA4F; box-shadow:4px 4px 4px  
4px #11AA4F }
```

Background

The CSS property to change the background color of an element to Hex 11AA4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11AA4F }
```

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

```
.background{ background-color:#11AA4F }
```

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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