

# Converting Colors

Hex(11AF55)

Have a look what the booklet for  
Hex(11AF55) contains.

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# Color

Hex(11AF55)

# Conversions

## Conversions Part 1

Format	Color
Hex	11AF55
RGB	17, 175, 85
RGB Percent	7%, 69%, 33%
CMY	0.9333, 0.3137, 0.6667
CMYK	0.90, 0.00, 0.51, 0.31
HSL	146°, 82%, 38%
HSV	146°, 90%, 69%
XYZ	17.2008, 31.4350, 13.7553
YIQ	117.4980, -65.2780, -61.4860

# Conversions

## Conversions Part 2

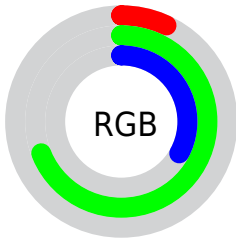
Format	Color
<a href="#">RYB</a>	<a href="#">17, 127, 175</a>
Decimal	<a href="#">1158997</a>
CIELab	<a href="#">62.87, -57.15, 35.63</a>
CIELCh	<a href="#">63, 67.351, 148.057</a>
Yxy	<a href="#">31.4350, 0.2757, 0.5038</a>
Android (android.graphics.Color)	<a href="#">4279349077 (0xFF11AF55)</a>
YUV	<a href="#">117.4980, -16.0215, -88.1367</a>
Hunter-Lab	<a href="#">56.0669, -43.3549, 24.7008</a>

# Details

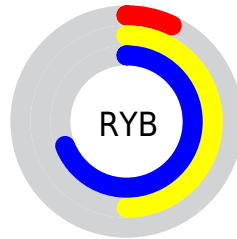
The Hex color **11AF55** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AF116B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **61E888**, and **007924** is the 20% darker color. If you saturate the color by 10%, you get **00AF4B**, and if you desaturate by 10%, it is **22AF5F**.

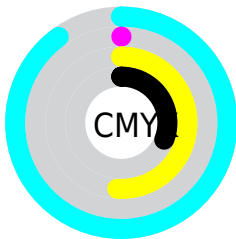
# Distribution



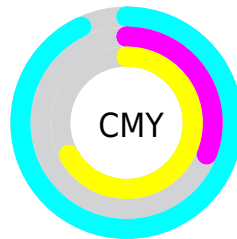
- Red (7%)
- Green (69%)
- Blue (33%)



- Red (7%)
- Yellow (50%)
- Blue (69%)



- Cyan (90%)
- Magenta (0%)
- Yellow (51%)
- Black (31%)



- Cyan (93%)
- Magenta (31%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 11AF55 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 11AF55 by changing the saturation by 10% instead.



 11AF55

 11AF55

FFFFFF

 00943C

 61E888

 007924

 80FFA3

 005F09

 9EFFBF

 004600

 BCFFDB

 002F00

 DAFFF8

 001200

 F8FFFF

 000000

 11AF55

 11AF55

 00AF4B

 22AF5F

 34AF69

 46AF73

 57AF7D

 69AF87

 7AAF91

 8BAF9B

 9DAFA5

 AFAFAF

# Harmonies

## Analogous

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



7EA51E



11AF55



00B492

# Triad

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



11AF55



00A0FF



FF6464

# Complementary

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



11AF55



AF116B

# 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.



FF5C9F



11AF55



8F8AFF

# Square

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



11AF55



00AEFD



DC6ED8



E67C2F

# Rectangle

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



11AF55



00B4BC



DC6ED8



FF5E77



# Sweetspot

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



11AF55



A6E3C0



6DAF11



4E735E



F2F2F2



737373



# Same Dimension

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



11AF55



00E362



11AFA2



4E5752



009641



00170A



# Inverse Universe

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



AF116B



E30081



AF111E



574E53



960056



17000D



# Previews

## White Background



This preview shows how the Hex color 11AF55 looks on a white background.

## Color Contrast Check

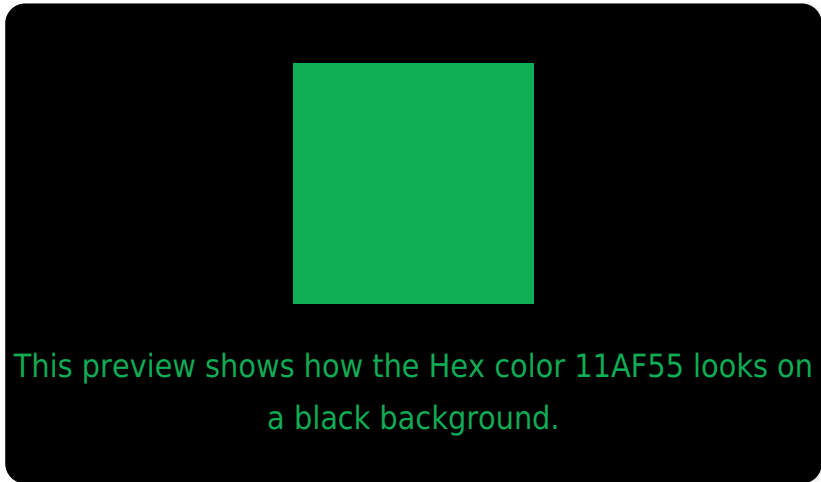
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex 11AF55 Background



This preview shows how black text looks on a background with the Hex color 11AF55.

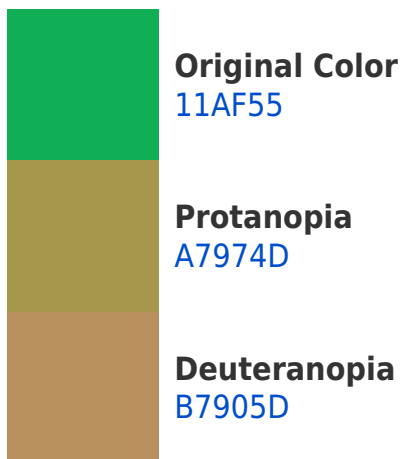


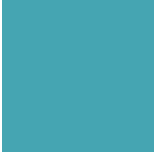
This preview shows how white text looks on a background with the Hex color 11AF55.

# 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**  
45A5B2

# Trichromacy



**Original Color**

11AF55



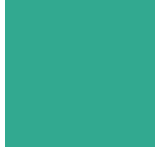
**Protanomaly**

70A050



**Deuteranomaly**

7B9B5A



**Tritanomaly**

32A990

# Monochromacy



**Original Color**

11AF55



**Achromatopsia**

757575



**Achromatomaly**

518A69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11AF55 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 #11AF55 looks like.

```
.text, #text, p{  
    color:#11AF55  
}
```

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 #11AF55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11AF55
}
```

## Border

The CSS property to change the border of an element to Hex 11AF55 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
#11AF55 }
```

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

```
.border{ border-color:#11AF55 }
```

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

Here you see how a box with a 4 pixel #11AF55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11AF55; -webkit-box-shadow:4px 4px  
4px 4px #11AF55; box-shadow:4px 4px 4px  
4px #11AF55 }
```

# Background

The CSS property to change the background color of an element to Hex 11AF55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11AF55 }
```

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

```
.background{ background-color:#11AF55 }
```

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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