

# Converting Colors

Hex(11A953)

Have a look what the booklet for  
Hex(11A953) contains.

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# Color

Hex(11A953)

# Conversions

## Conversions Part 1

Format	Color
Hex	11A953
RGB	17, 169, 83
RGB Percent	7%, 66%, 33%
CMY	0.9333, 0.3373, 0.6745
CMYK	0.90, 0.00, 0.51, 0.34
HSL	146°, 82%, 36%
HSV	146°, 90%, 66%
XYZ	15.9805, 29.1196, 12.9620
YIQ	113.7480, -62.9860, -58.9700

# Conversions

## Conversions Part 2

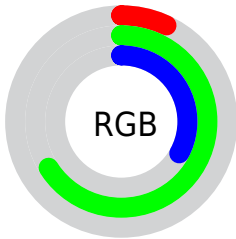
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 123, 169
Decimal	1157459
CIELab	60.89, -55.44, 34.18
CIELCh	61, 65.133, 148.349
Yxy	29.1196, 0.2752, 0.5015
Android (android.graphics.Color)	4279347539 (0xFF11A953)
YUV	113.7480, -15.1588, -84.8480
Hunter-Lab	53.9626, -41.5737, 23.5322

# Details

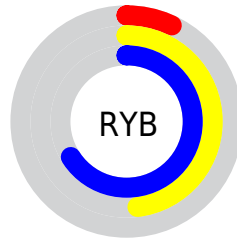
The Hex color **11A953** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A91167**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **60E186**, and **007322** is the 20% darker color. If you saturate the color by 10%, you get **00A949**, and if you desaturate by 10%, it is **22A95D**.

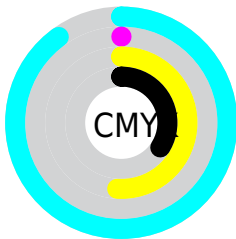
# Distribution



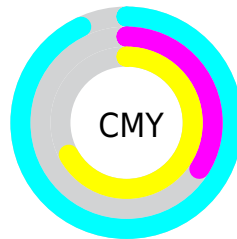
- Red (7%)
- Green (66%)
- Blue (33%)



- Red (7%)
- Yellow (48%)
- Blue (66%)



- Cyan (90%)
- Magenta (0%)
- Yellow (51%)
- Black (34%)




- Cyan (93%)
- Magenta (34%)
- Yellow (67%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 11A953 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 11A953 by changing the saturation by 10% instead.



 11A953

 11A953

FFFFFF

 008E3B

 60E186

 007322

 7EFAA1

 005A08

 9CFFBC

 004100

 B9FFD8

 002A00

 D7FFF5

 000600

 F5FFFF

 000000

 11A953

 11A953

 00A949

 22A95D

 33A966

 44A970

 55A979

 66A983

 76A98C

 87A996

 98A99F

 A9A9A9

# Harmonies

## Analogous

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



799F1F



11A953



00AD8E

# Triad

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



11A953



009BFF



F76160

# Complementary

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



11A953



A91167

# 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.



F65999



11A953



8B85F9

# Square

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



11A953



00A8F4



D56BD0



DD782E

# Rectangle

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



11A953



00AEB5



D56BD0



FA5C72



# Sweetspot

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



11A953



A0DBBA



67A911



4B6E5A



EDEDED



6E6E6E



# Same Dimension

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



11A953



00DB5F



11A99F



4C544F



009440



001409



# Inverse Universe

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



A91167



DB007C



A9111B



544C50



940054



14000C



# Previews

## White Background



This preview shows how the Hex color 11A953 looks on a white background.

## Color Contrast Check

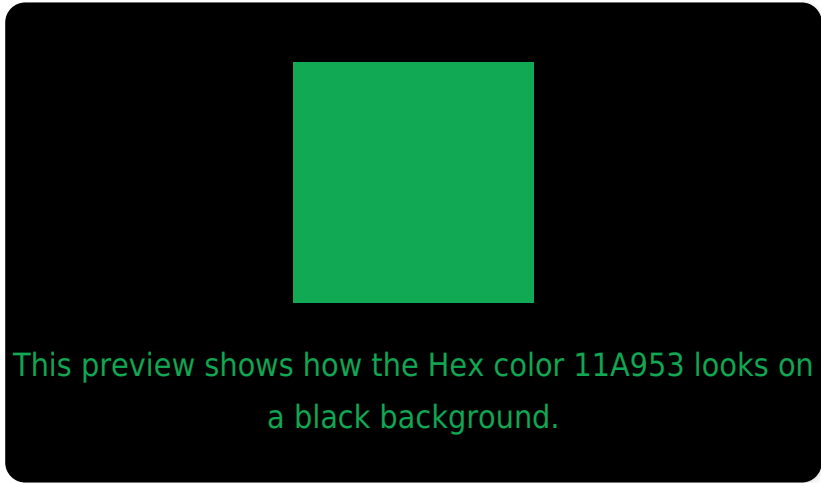
Large Text (above 18pt) WCAG AA ✓ Pass

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 11A953 Background



This preview shows how black text looks on a background with the Hex color 11A953.

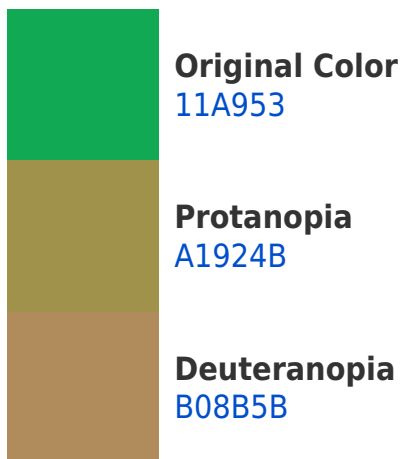


This preview shows how white text looks on a background with the Hex color 11A953.

# 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





# Trichromacy



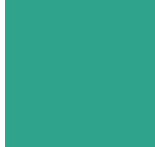
**Original Color**  
11A953



**Protanomaly**  
6D9A4E



**Deuteranomaly**  
769658



**Tritanomaly**  
30A38C

# Monochromacy



**Original Color**  
11A953



**Achromatopsia**  
727272



**Achromatomaly**  
4F8667

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11A953 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 #11A953 looks like.

```
.text, #text, p{  
    color:#11A953  
}
```

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 #11A953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11A953
}
```

## Border

The CSS property to change the border of an element to Hex 11A953 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
#11A953 }
```

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

```
.border{ border-color:#11A953 }
```

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

Here you see how a box with a 4 pixel #11A953 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11A953; -webkit-box-shadow:4px 4px  
4px 4px #11A953; box-shadow:4px 4px 4px  
4px #11A953 }
```

# Background

The CSS property to change the background color of an element to Hex 11A953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11A953 }
```

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

```
.background{ background-color:#11A953 }
```

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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