

# Converting Colors

Hex(11AC74)

Have a look what the booklet for  
Hex(11AC74) contains.

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# Color

Hex(11AC74)

# Conversions

## Conversions Part 1

Format	Color
Hex	11AC74
RGB	17, 172, 116
RGB Percent	7%, 67%, 45%
CMY	0.9333, 0.3255, 0.5451
CMYK	0.90, 0.00, 0.33, 0.33
HSL	158°, 82%, 37%
HSV	158°, 90%, 67%
XYZ	18.1361, 30.8852, 21.5286
YIQ	119.2710, -74.4040, -50.2760

# Conversions

## Conversions Part 2

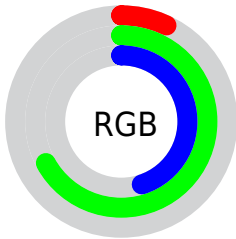
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">17, 112, 172</a>
Decimal	<a href="#">1158260</a>
CIELab	<a href="#">62.41, -50.12, 18.68</a>
CIELCh	<a href="#">62, 53.489, 159.565</a>
Yxy	<a href="#">30.8852, 0.2571, 0.4378</a>
Android (android.graphics.Color)	<a href="#">4279348340 (0xFF11AC74)</a>
YUV	<a href="#">119.2710, -1.6126, -89.6917</a>
Hunter-Lab	<a href="#">55.5744, -39.0038, 15.9342</a>

# Details

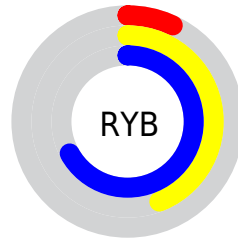
The Hex color **11AC74** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AC1149**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **60E4A8**, and **007643** is the 20% darker color. If you saturate the color by 10%, you get **00AC6E**, and if you desaturate by 10%, it is **22AC7A**.

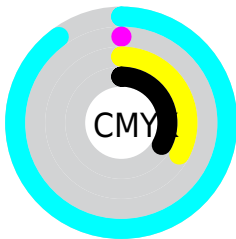
# Distribution



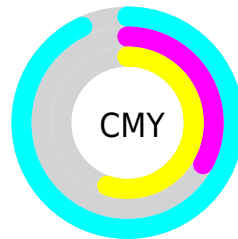
- Red (7%)
- Green (67%)
- Blue (45%)



- Red (7%)
- Yellow (44%)
- Blue (67%)



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



- Cyan (93%)
- Magenta (33%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 11AC74 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 11AC74 by changing the saturation by 10% instead.



 11AC74

 11AC74

FFFFFF

 00915B

 60E4A8

 007643

 7FFFC4

 005D2D

 9CFFE0

 004417

 BAFFFC

 002E00

 D8FFFF

 001000

 F6FFFF

 000000

 11AC74

 11AC74

 00AC6E

 22AC7A

 33AC80

 45AC87

 56AC8D

 67AC93

 78AC99

 89AC9F

 9BACA6

 ACACAC

# Harmonies

## Analogous

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



70A54A



11AC74



00AE5

# Triad

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



11AC74



5A97F5



E7775D

# Complementary

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



11AC74



AC1149

# 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.



EE6C89



11AC74



AE84E0

# Square

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



11AC74



00A5EF



DC72B9



CC893C

# Rectangle

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



11AC74



00AEC4



DC72B9



EC726B



# Sweetspot

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



11AC74



A4E0CB



4AAC11



4C7063



F0F0F0



707070



# Same Dimension

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



11AC74



00E08F



1197AC



4E5754



009660



00170F



# Inverse Universe

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



AC1149



E00051



AC2611



574E51



960036



170008



# Previews

## White Background



This preview shows how the Hex color 11AC74 looks on a white background.

## Color Contrast Check

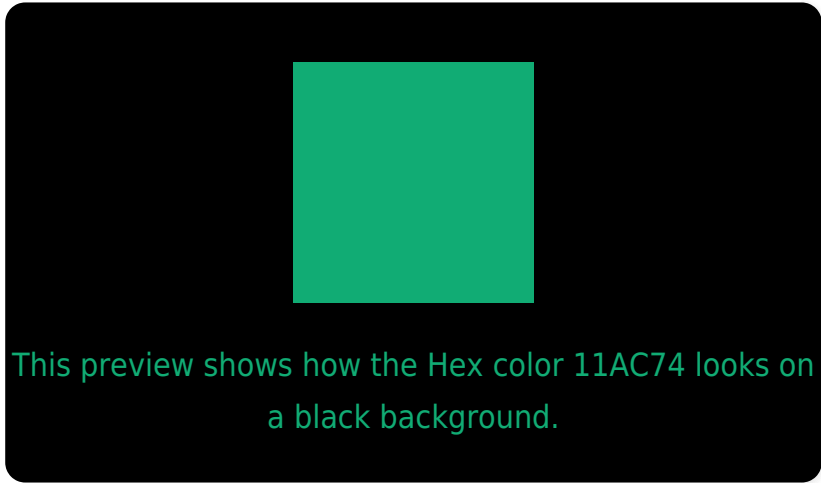
Large Text (above 18pt) WCAG AA × Fail

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

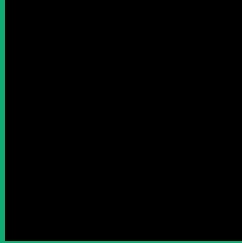
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 11AC74 Background



This preview shows how black text looks on a background with the Hex color 11AC74.

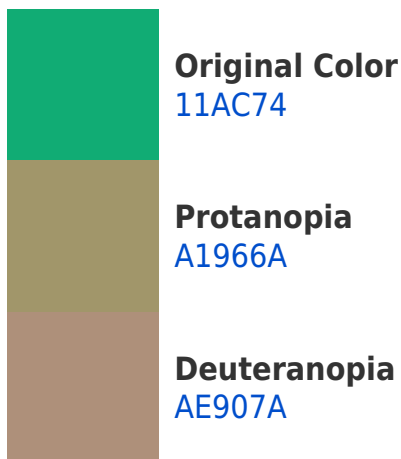


This preview shows how white text looks on a background with the Hex color 11AC74.

# 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**  
3DA4B2

# Trichromacy



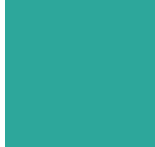
**Original Color**  
11AC74



**Protanomaly**  
6D9E6E



**Deuteranomaly**  
759A78



**Tritanomaly**  
2DA79B

# Monochromacy



**Original Color**  
11AC74



**Achromatopsia**  
777777



**Achromatomaly**  
528A76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11AC74 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 #11AC74 looks like.

```
.text, #text, p{  
    color:#11AC74  
}
```

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 #11AC74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11AC74
}
```

## Border

The CSS property to change the border of an element to Hex 11AC74 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
#11AC74 }
```

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

```
.border{ border-color:#11AC74 }
```

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

Here you see how a box with a 4 pixel #11AC74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11AC74; -webkit-box-shadow:4px 4px  
4px 4px #11AC74; box-shadow:4px 4px 4px  
4px #11AC74 }
```

# Background

The CSS property to change the background color of an element to Hex 11AC74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11AC74 }
```

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

```
.background{ background-color:#11AC74 }
```

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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