

# Converting Colors

Hex(11A871)

Have a look what the booklet for  
Hex(11A871) contains.

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# Color

**Hex(11A871)**

# Conversions

## Conversions Part 1

Format	Color
Hex	11A871
RGB	17, 168, 113
RGB Percent	7%, 66%, 44%
CMY	0.9333, 0.3412, 0.5569
CMYK	0.90, 0.00, 0.33, 0.34
HSL	158°, 82%, 36%
HSV	158°, 90%, 66%
XYZ	17.2144, 29.3167, 20.3742
YIQ	116.5810, -72.3410, -49.1170

# Conversions

## Conversions Part 2

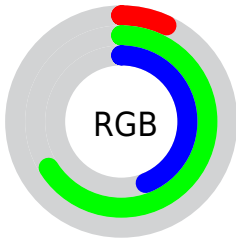
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 109, 168
Decimal	1157233
CIE <sub>Lab</sub>	61.06, -49.26, 18.47
CIE <sub>LCh</sub>	61, 52.611, 159.450
Yxy	29.3167, 0.2573, 0.4382
Android (android.graphics.Color)	4279347313 (0xFF11A871)
YUV	116.5810, -1.7654, -87.3325
Hunter-Lab	54.1449, -38.0026, 15.5912

# Details

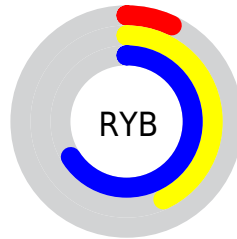
The Hex color **11A871** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A81148**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **5FE0A5**, and **007341** is the 20% darker color. If you saturate the color by 10%, you get **00A86B**, and if you desaturate by 10%, it is **22A877**.

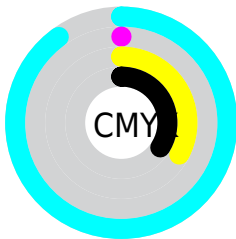
# Distribution



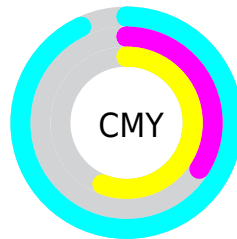
- Red (7%)
- Green (66%)
- Blue (44%)



- Red (7%)
- Yellow (43%)
- Blue (66%)



- Cyan (90%)
- Magenta (0%)
- Yellow (33%)
- Black (34%)




- Cyan (93%)
- Magenta (34%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 11A871 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 11A871 by changing the saturation by 10% instead.



 11A871

 11A871

FFFFFF

 008D58

 5FE0A5

 007341

 7DFDC0

 00592A

 9BFFDC

 004015

 B9FFF9

 002B00

 D6FFFF

 000700

 F5FFFF

 000000

 11A871

 11A871

 00A86B

 22A877

 33A87D

 43A883

 54A889

 65A890

 76A896

 87A89C

 97A8A2

 A8A8A8

# Harmonies

## Analogous

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



6DA148



11A871



00AAA1

# Triad

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



11A871



5894EF



E2745B

# Complementary

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



11A871



A81148

# 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.



E96A86



11A871



A981DC

# Square

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



11A871



00A1EA



D770B5



C7853A

# Rectangle

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



11A871



00AAC0



D770B5



E76F68



# Sweetspot

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



11A871



A0DBC6



48A811



4B6E61



EDEDED



6E6E6E



# Same Dimension

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



11A871



00DB8B



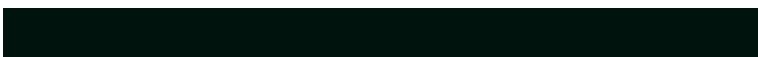
1194A8



4C5451



00945E



00140D



# Inverse Universe

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



A81148



DB0050



A82511



544C4F



940036



140007



# Previews

## White Background



This preview shows how the Hex color 11A871 looks on a white background.

## Color Contrast Check

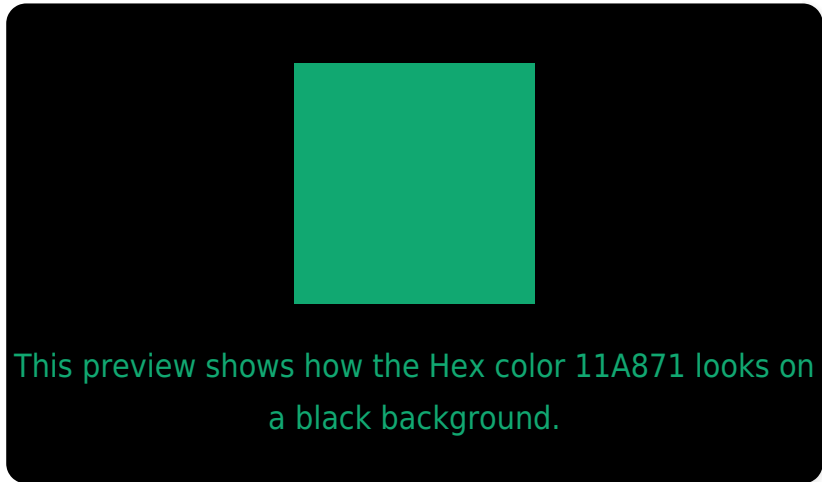
Large Text (above 18pt) WCAG AA ✓ Pass

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 11A871 Background



This preview shows how black text looks on a background with the Hex color 11A871.

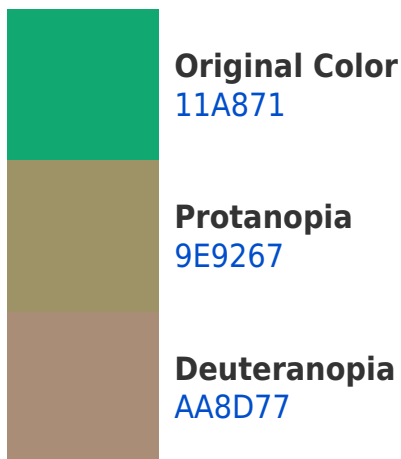


This preview shows how white text looks on a background with the Hex color 11A871.

# Color Blindness Simulation

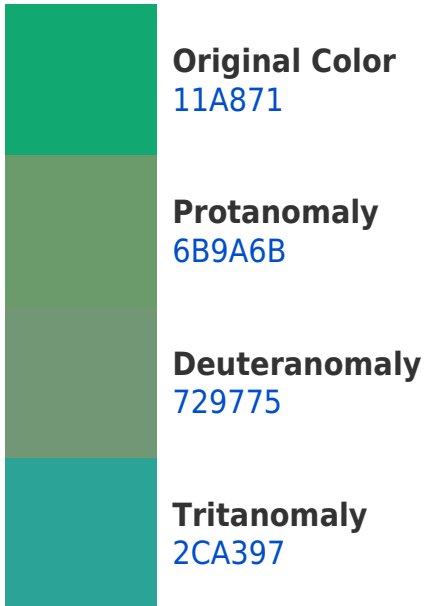
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

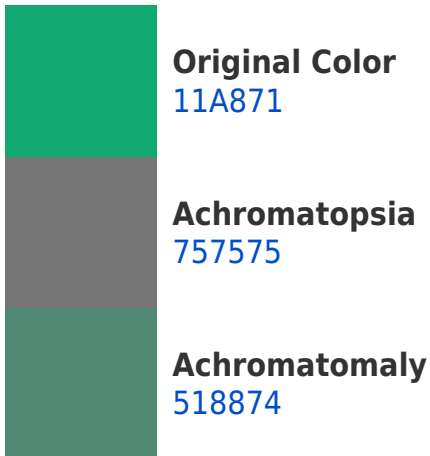




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11A871 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 #11A871 looks like.

```
.text, #text, p{  
    color:#11A871  
}
```

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 #11A871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11A871
}
```

## Border

The CSS property to change the border of an element to Hex 11A871 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
#11A871 }
```

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

```
.border{ border-color:#11A871 }
```

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

Here you see how a box with a 4 pixel #11A871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11A871; -webkit-box-shadow:4px 4px  
4px 4px #11A871; box-shadow:4px 4px 4px  
4px #11A871 }
```

# Background

The CSS property to change the background color of an element to Hex 11A871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11A871 }
```

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

```
.background{ background-color:#11A871 }
```

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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