

# Converting Colors

Hex(11B49A)

Have a look what the booklet for  
Hex(11B49A) contains.

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# Color

Hex(11B49A)

# Conversions

## Conversions Part 1

Format	Color
Hex	11B49A
RGB	17, 180, 154
RGB Percent	7%, 71%, 60%
CMY	0.9333, 0.2941, 0.3961
CMYK	0.91, 0.00, 0.14, 0.29
HSL	170°, 83%, 39%
HSV	170°, 91%, 71%
XYZ	22.3852, 35.0948, 36.1660
YIQ	128.2990, -88.8020, -42.6420

# Conversions

## Conversions Part 2

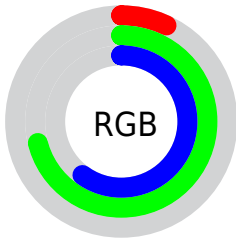
Format	Color
<a href="#">RYB</a>	<a href="#">17, 106, 180</a>
Decimal	<a href="#">1160346</a>
CIELab	<a href="#">65.82, -43.91, 2.56</a>
CIELCh	<a href="#">66, 43.981, 176.657</a>
Yxy	<a href="#">35.0948, 0.2390, 0.3748</a>
Android (android.graphics.Color)	<a href="#">4279350426</a> ( <a href="#">0xFF11B49A</a> )
YUV	<a href="#">128.2990, 12.6706, -97.6092</a>
Hunter-Lab	<a href="#">59.2408, -36.2222, 5.2726</a>

# Details

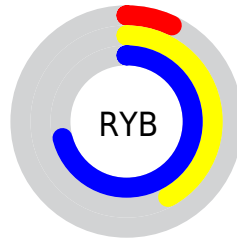
The Hex color **11B49A** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B4112B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **64EDD0**, and **007E67** is the 20% darker color. If you saturate the color by 10%, you get **00B497**, and if you desaturate by 10%, it is **23B49D**.

# Distribution



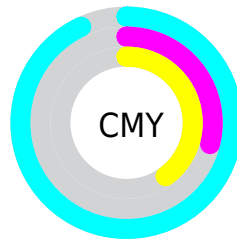
- Red (7%)
- Green (71%)
- Blue (60%)



- Red (7%)
- Yellow (42%)
- Blue (71%)



- Cyan (91%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)



- Cyan (93%)
- Magenta (29%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 11B49A 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 11B49A by changing the saturation by 10% instead.



 11B49A

 11B49A


FFFFFF

 009980

 64EDD0

 007E67

 83FFED

 00644F

 A1FFFF

 004B38

 C0FFFF

 003423


 DEFFFF

 001D0E

FDFFFF

 000000

 11B49A

 11B49A

 00B497

 23B49D

 35B4A0

 47B4A3

 59B4A5

 6BB4A8

 7DB4AB

 8FB4AE

 A1B4B1

 B3B4B4

# Harmonies

## Analogous

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



65B073



11B49A



00B4C2

# Triad

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



11B49A



9D97E6



DA8E5F

# Complementary

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



11B49A



B4112B

# 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.



EA827F



11B49A



CD89CC

# Square

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



11B49A



54A5EE



E780A6



BC9C50

# Rectangle

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



11B49A



00B1D8



E780A6



E18A68



# Sweetspot

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



11B49A



ABEBE0



2CB411



50756F



F5F5F5



757575



# Same Dimension

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



11B49A



00EBC5



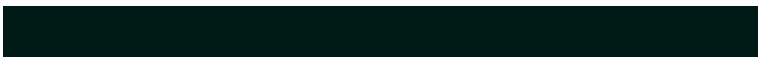
117EB4



505958



009981



001A15



# Inverse Universe

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



B4112B



EB0025



B44711



595052



990018

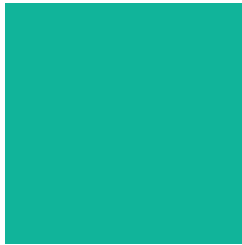


1A0004



# Previews

## White Background



This preview shows how the Hex color 11B49A 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



This preview shows how the Hex color 11B49A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

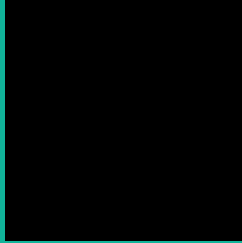
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 11B49A Background



This preview shows how black text looks on a background with the Hex color 11B49A.

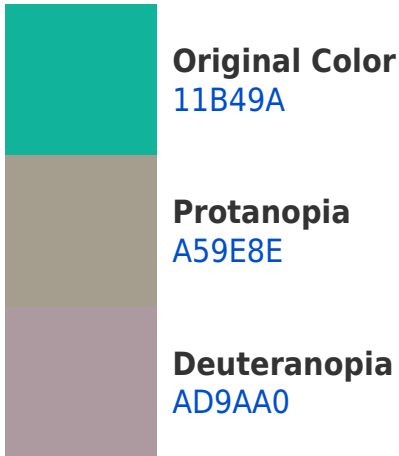


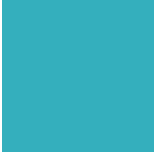
This preview shows how white text looks on a background with the Hex color 11B49A.

# 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**  
34AFBD

# Trichromacy



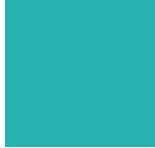
**Original Color**  
11B49A



**Protanomaly**  
6FA692



**Deuteranomaly**  
74A39E



**Tritanomaly**  
27B1B0

# Monochromacy



**Original Color**  
11B49A



**Achromatopsia**  
808080



**Achromatomaly**  
589389

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11B49A 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 #11B49A looks like.

```
.text, #text, p{  
    color:#11B49A  
}
```

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 #11B49A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11B49A
}
```

## Border

The CSS property to change the border of an element to Hex 11B49A 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
#11B49A }
```

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

```
.border{ border-color:#11B49A }
```

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

Here you see how a box with a 4 pixel #11B49A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11B49A; -webkit-box-shadow:4px 4px  
4px 4px #11B49A; box-shadow:4px 4px 4px  
4px #11B49A }
```

# Background

The CSS property to change the background color of an element to Hex 11B49A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11B49A }
```

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

```
.background{ background-color:#11B49A }
```

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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