

# Converting Colors

Hex(19B549)

Have a look what the booklet for  
Hex(19B549) contains.

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**Color**

**Hex(19B549)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19B549
RGB	25, 181, 73
RGB Percent	10%, 71%, 29%
CMY	0.9020, 0.2902, 0.7137
CMYK	0.86, 0.00, 0.60, 0.29
HSL	138°, 76%, 40%
HSV	138°, 86%, 71%
XYZ	18.1274, 33.7355, 11.8595
YIQ	122.0440, -58.3080, -66.6600

# Conversions

## Conversions Part 2

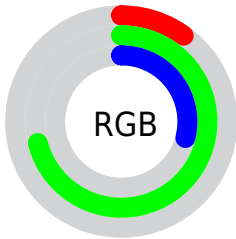
Format	Color
<a href="#">RYB</a>	<a href="#">25, 144, 181</a>
Decimal	<a href="#">1684809</a>
CIELab	<a href="#">64.75, -60.26, 43.71</a>
CIELCh	<a href="#">65, 74.447, 144.043</a>
Yxy	<a href="#">33.7355, 0.2845, 0.5294</a>
Android (android.graphics.Color)	<a href="#">4279874889</a> ( <a href="#">0xFF19B549</a> )
YUV	<a href="#">122.0440, -24.1787, -85.1076</a>
Hunter-Lab	<a href="#">58.0822, -45.9343, 28.5514</a>

# Details

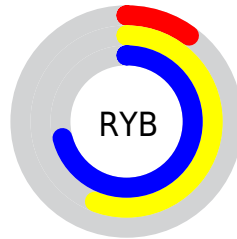
The Hex color **19B549** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B51985**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **66EE7D**, and **007E14** is the 20% darker color. If you saturate the color by 10%, you get **07B53C**, and if you desaturate by 10%, it is **2BB556**.

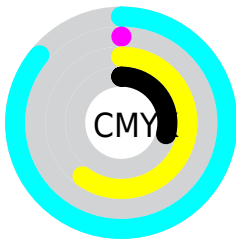
# Distribution



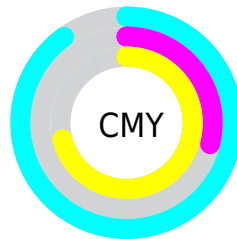
- Red (10%)
- Green (71%)
- Blue (29%)



- Red (10%)
- Yellow (56%)
- Blue (71%)



- Cyan (86%)
- Magenta (0%)
- Yellow (60%)
- Black (29%)



- Cyan (90%)
- Magenta (29%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19B549 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 19B549 by changing the saturation by 10% instead.



 19B549

 19B549

FFFFFF

 00992F

 66EE7D

 007E14

 85FF98

 006400

 A3FFB3

 004B00

 C1FFCF

 003400

 DFFFEC

 001900

FEFFFF

 000000

 19B549

 19B549

 07B53C

 2BB556

■ 00B538

■ 3DB562

■ 4FB56F

■ 61B57B

■ 74B588

■ 86B594

■ 98B5A1

■ AAB5AD

■ BCB5BA

# Harmonies

## Analogous

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



88A900



19B549



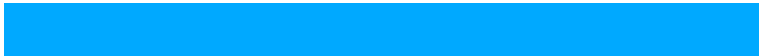
00BB8D

# Triad

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



19B549



00A9FF



FF5D6B

# Complementary

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



19B549



B51985

# 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.



FF58AD



19B549



7F91FF

# Square

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



19B549



00B6FF



E071EC



F7792E

# Rectangle

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



19B549



00BCBC



E071EC



FF5781



# Sweetspot

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



19B549



AEEBC0



86B519



51755C



F5F5F5



757575



# Same Dimension

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



19B549



00EB48



19B596



505953



00992F



001A08



# Inverse Universe

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



B51985



EB00A2



B51938



595057



99006A



1A0012



# Previews

## White Background



This preview shows how the Hex color 19B549 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 19B549 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

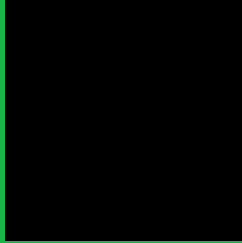
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 19B549 Background



This preview shows how black text looks on a background with the Hex color 19B549.

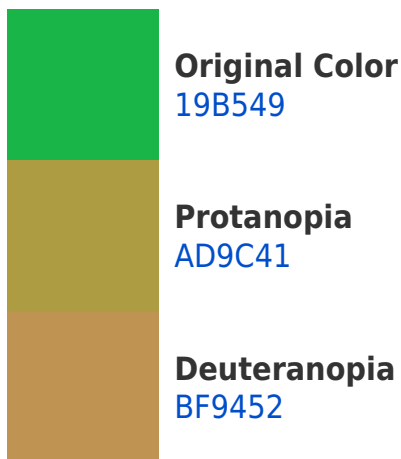


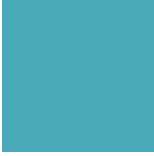
This preview shows how white text looks on a background with the Hex color 19B549.

# 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**  
4BAAB8

# Trichromacy



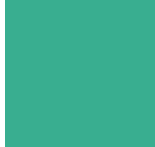
**Original Color**  
19B549



**Protanomaly**  
77A544



**Deuteranomaly**  
83A04F



**Tritanomaly**  
39AE90

# Monochromacy



**Original Color**  
19B549



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
578F68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19B549 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 #19B549 looks like.

```
.text, #text, p{  
    color:#19B549  
}
```

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 #19B549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19B549
}
```

## Border

The CSS property to change the border of an element to Hex 19B549 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
#19B549 }
```

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

```
.border{ border-color:#19B549 }
```

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

Here you see how a box with a 4 pixel #19B549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19B549; -webkit-box-shadow:4px 4px  
4px 4px #19B549; box-shadow:4px 4px 4px  
4px #19B549 }
```

# Background

The CSS property to change the background color of an element to Hex 19B549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19B549 }
```

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

```
.background{ background-color:#19B549 }
```

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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