

Converting Colors

Hex(19C147)

Have a look what the booklet for
Hex(19C147) contains.

Hex(19C147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(19C147)

Conversions

Conversions Part 1

Format	Color
Hex	19C147
RGB	25, 193, 71
RGB Percent	10%, 76%, 28%
CMY	0.9020, 0.2431, 0.7216
CMYK	0.87, 0.00, 0.63, 0.24
HSL	136°, 77%, 43%
HSV	136°, 87%, 76%
XYZ	20.6082, 38.8015, 12.3645
YIQ	128.8600, -60.9660, -73.5580

Conversions

Conversions Part 2

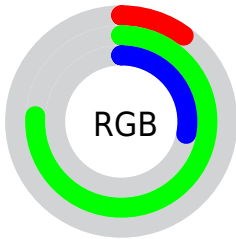
Format	Color
RYB	25, 157, 193
Decimal	1687879
CIELab	68.61, -64.31, 49.02
CIELCh	69, 80.862, 142.680
Yxy	38.8015, 0.2871, 0.5406
Android (android.graphics.Color)	4279877959 (0xFF19C147)
YUV	128.8600, -28.5250, -91.0852
Hunter-Lab	62.2909, -49.9544, 31.8348

Details

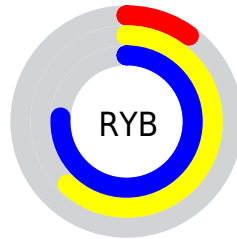
The Hex color **19C147** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **C11993**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **69FB7C**, and **008A0C** is the 20% darker color. If you saturate the color by 10%, you get **06C139**, and if you desaturate by 10%, it is **2CC155**.

Distribution



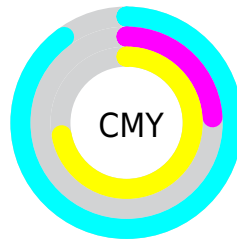
- Red (10%)
- Green (76%)
- Blue (28%)



- Red (10%)
- Yellow (62%)
- Blue (76%)



- Cyan (87%)
- Magenta (0%)
- Yellow (63%)
- Black (24%)



- Cyan (90%)
- Magenta (24%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19C147 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 19C147 by changing the saturation by 10% instead.

 19C147

 19C147

FFFFFF

 00A52C

 69FB7C

 008A0C

 89FF97

 006F00

 A8FFB2

 005500

 C6FFCF

 003D00

 E5FFEC

 002400

 000000

 19C147

 19C147

 06C139

 2CC155

■ 00C135

■ 40C163

■ 53C171

■ 66C17F

■ 7AC18D

■ 8DC19B

■ A0C1A9

■ B3C1B7

■ C7C1C5

Harmonies

Analogous

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



93B400



19C147



00C792

Triad

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



19C147



00B6FF



FF5E74

Complementary

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



19C147



C11993

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.



FF59BD



19C147



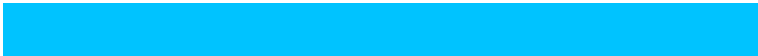
7D9CFF

Square

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



19C147



00C3FF



ED78FF



FF7E2F

Rectangle

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



19C147



00C8C5



ED78FF



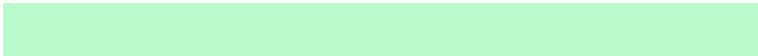
FF588C

Sweetspot

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



19C147



B9FACB



94C119



567D61



FCFCFC



7D7D7D

Same Dimension

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



19C147



00FA44



19C19A



57615A



00A12C



002109

Inverse Universe

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



C11993



FA00B5



C11940



61575E



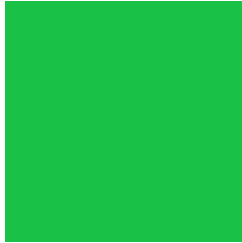
A10075



210018

Previews

White Background



This preview shows how the Hex color 19C147 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 19C147 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 19C147 Background



This preview shows how black text looks on a background with the Hex color 19C147.

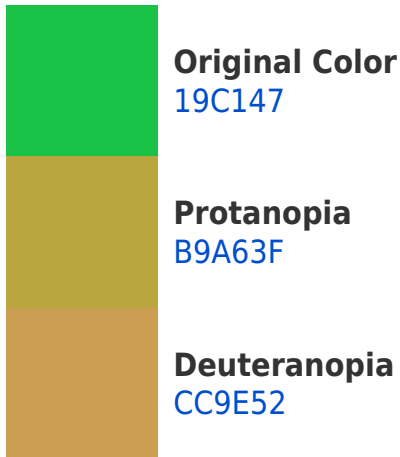


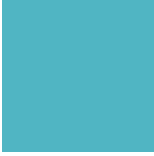
This preview shows how white text looks on a background with the Hex color 19C147.

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
50B5C3

Trichromacy



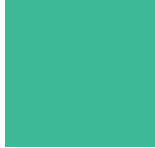
Original Color
19C147



Protanomaly
7FB042



Deuteranomaly
8BAB4E



Tritanomaly
3CB996

Monochromacy



Original Color
19C147



Achromatopsia
818181



Achromatomaly
5B986C

CSS Examples

Text

The CSS property to change the color of the text to Hex 19C147 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 #19C147 looks like.

```
.text, #text, p{  
    color:#19C147  
}
```

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 #19C147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19C147
}
```

Border

The CSS property to change the border of an element to Hex 19C147 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
#19C147 }
```

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

```
.border{ border-color:#19C147 }
```

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

Here you see how a box with a 4 pixel #19C147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19C147; -webkit-box-shadow:4px 4px  
4px 4px #19C147; box-shadow:4px 4px 4px  
4px #19C147 }
```

Background

The CSS property to change the background color of an element to Hex 19C147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19C147 }
```

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

```
.background{ background-color:#19C147 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor