

# Converting Colors

Hex(19C45C)

Have a look what the booklet for  
Hex(19C45C) contains.

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# Color

Hex(19C45C)

# Conversions

## Conversions Part 1

Format	Color
Hex	19C45C
RGB	25, 196, 92
RGB Percent	10%, 77%, 36%
CMY	0.9020, 0.2314, 0.6392
CMYK	0.87, 0.00, 0.53, 0.23
HSL	144°, 77%, 43%
HSV	144°, 87%, 77%
XYZ	22.0726, 40.4592, 16.7713
YIQ	133.0150, -68.5320, -68.5960

# Conversions

## Conversions Part 2

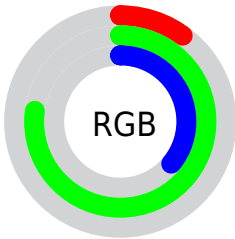
Format	Color
<a href="#">RYB</a>	<a href="#">25, 148, 196</a>
Decimal	<a href="#">1688668</a>
CIELab	<a href="#">69.80, -62.48, 40.71</a>
CIELCh	<a href="#">70, 74.571, 146.909</a>
Yxy	<a href="#">40.4592, 0.2783, 0.5102</a>
Android (android.graphics.Color)	<a href="#">4279878748 (0xFF19C45C)</a>
YUV	<a href="#">133.0150, -20.2204, -94.7292</a>
Hunter-Lab	<a href="#">63.6076, -49.3716, 28.8924</a>

# Details

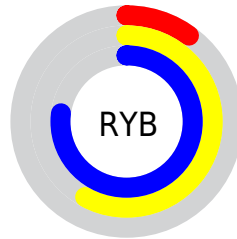
The Hex color **19C45C** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed green. A complement of this color would be **C41981**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **69FE90**, and **008D2A** is the 20% darker color. If you saturate the color by 10%, you get **05C450**, and if you desaturate by 10%, it is **2DC468**.

# Distribution



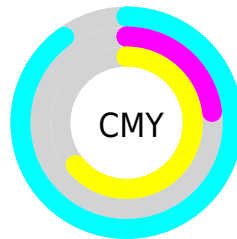
- Red (10%)
- Green (77%)
- Blue (36%)



- Red (10%)
- Yellow (58%)
- Blue (77%)



- Cyan (87%)
- Magenta (0%)
- Yellow (53%)
- Black (23%)



- Cyan (90%)
- Magenta (23%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19C45C 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 19C45C by changing the saturation by 10% instead.



 19C45C

 19C45C

FFFFFF

 00A843

 69FE90

 008D2A

 89FFAC

 00720E

 A8FFC7

 005800

 C6FFE4

 003F00

 E5FFFF

 002700

 000000

 19C45C

 19C45C

 05C450

 2DC468

 00C44D

 40C474

 54C480

 67C48C

 7BC498

 8FC4A4

 A2C4AF

 B6C4BB

 C9C4C7

# Harmonies

## Analogous

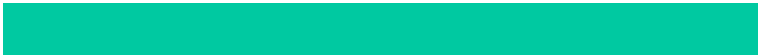
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8FB91B



19C45C



00C9A1

# Triad

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



19C45C



00B5FF



FF6E72

# Complementary

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



19C45C



C41981

# 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.



FF66B5



19C45C



9B9CFF

# Square

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



19C45C



00C4FF



F57CF6



FF8A36

# Rectangle

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



19C45C



00CAD0



F57CF6



FF6887

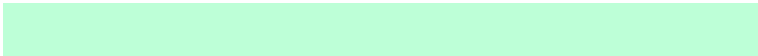


# Sweetspot

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



19C45C



BDFFD7



82C419



588067



000000



808080



# Same Dimension

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



19C45C



00FF64



19C4B0



57615B



00A13F



00210D



# Inverse Universe

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



C41981



FF009B



C4192D



61575D



A10062



210014



# Previews

## White Background



This preview shows how the Hex color 19C45C looks on a white background.

## Color Contrast Check

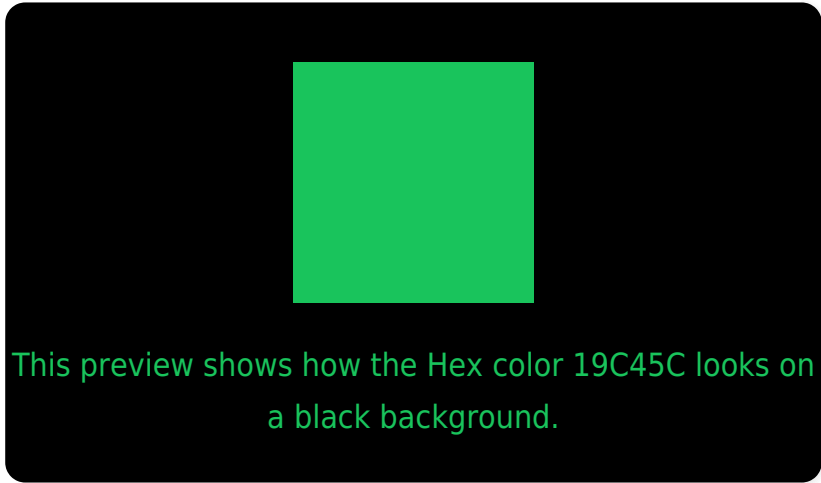
Large Text (above 18pt) WCAG AA × Fail

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 19C45C Background



This preview shows how black text looks on a background with the Hex color 19C45C.

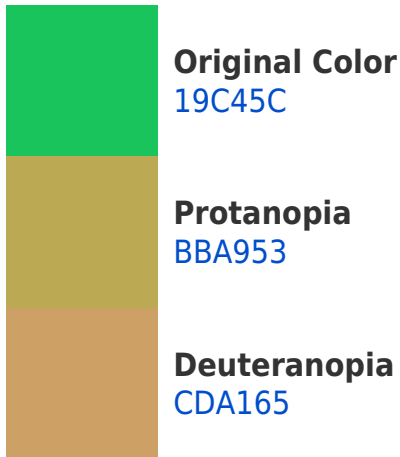


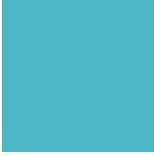
This preview shows how white text looks on a background with the Hex color 19C45C.

# 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](#).

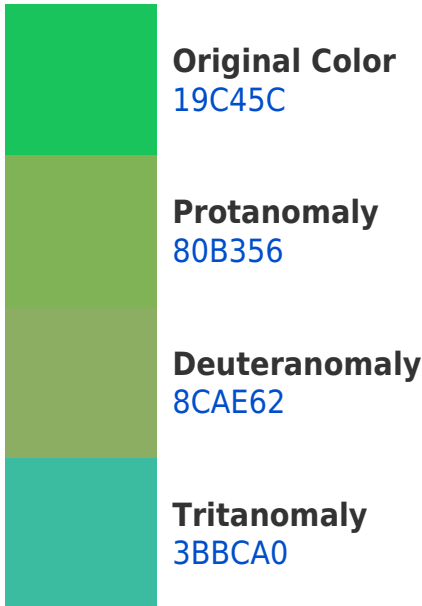
## Dichromacy



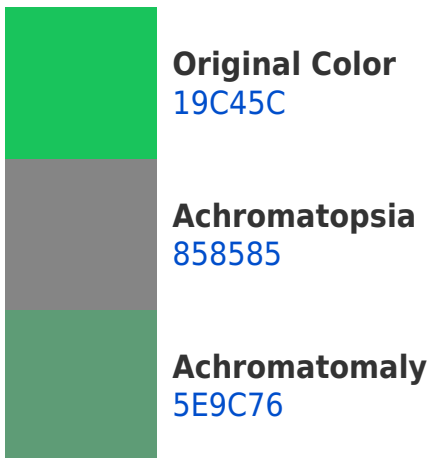


**Tritanopia**  
4FB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19C45C 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 #19C45C looks like.

```
.text, #text, p{  
    color:#19C45C  
}
```

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 #19C45C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19C45C
}
```

## Border

The CSS property to change the border of an element to Hex 19C45C 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
#19C45C }
```

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

```
.border{ border-color:#19C45C }
```

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

Here you see how a box with a 4 pixel #19C45C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19C45C; -webkit-box-shadow:4px 4px  
4px 4px #19C45C; box-shadow:4px 4px 4px  
4px #19C45C }
```

# Background

The CSS property to change the background color of an element to Hex 19C45C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19C45C }
```

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

```
.background{ background-color:#19C45C }
```

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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