

# Converting Colors

Hex(19CF66)

Have a look what the booklet for  
Hex(19CF66) contains.

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**Color**

**Hex(19CF66)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19CF66
RGB	25, 207, 102
RGB Percent	10%, 81%, 40%
CMY	0.9020, 0.1882, 0.6000
CMYK	0.88, 0.00, 0.51, 0.19
HSL	145°, 78%, 45%
HSV	145°, 88%, 81%
XYZ	25.1120, 45.7916, 20.0855
YIQ	140.6120, -74.7670, -71.2390

# Conversions

## Conversions Part 2

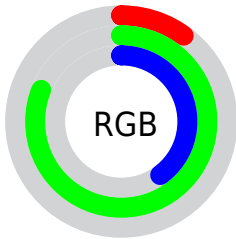
Format	Color
<a href="#">RYB</a>	<a href="#">25, 153, 207</a>
Decimal	<a href="#">1691494</a>
CIELab	<a href="#">73.41, -64.55, 40.30</a>
CIELCh	<a href="#">73, 76.101, 148.020</a>
Yxy	<a href="#">45.7916, 0.2760, 0.5033</a>
Android (android.graphics.Color)	<a href="#">4279881574 (0xFF19CF66)</a>
YUV	<a href="#">140.6120, -19.0357, -101.3917</a>
Hunter-Lab	<a href="#">67.6695, -52.1807, 29.7703</a>

# Details

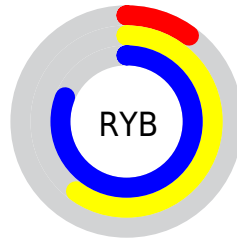
The Hex color **19CF66** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **CF1982**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6CFF9B**, and **009733** is the 20% darker color. If you saturate the color by 10%, you get **04CF5A**, and if you desaturate by 10%, it is **2ECF72**.

# Distribution



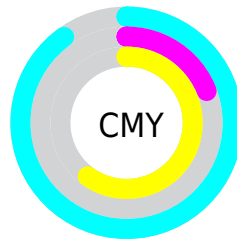
- Red (10%)
- Green (81%)
- Blue (40%)



- Red (10%)
- Yellow (60%)
- Blue (81%)



- Cyan (88%)
- Magenta (0%)
- Yellow (51%)
- Black (19%)



- Cyan (90%)
- Magenta (19%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19CF66 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 19CF66 by changing the saturation by 10% instead.



 19CF66

 19CF66

FFFFFF

 00B34D

 6CFF9B

 009733

 8CFFB6

 007C1A

 ABFFD2

 006200

 CAFFEF

 004800

 E9FFFF

 003100

 001400

 000000

 19CF66

 19CF66

■ 04CF5A

■ 2ECF72

■ 00CF58

■ 42CF7E

■ 57CF8A

■ 6CCF96

■ 81CFA2

■ 95CFAE

■ AACFBA

■ BFCFC6

■ D3CFD1

# Harmonies

## Analogous

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



96C326



19CF66



00D4AD

# Triad

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



19CF66



00BEFF



FF7777

# Complementary

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



19CF66



CF1982

# 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.



FF6EBC



19CF66



AAA4FF

# Square

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



19CF66



00CEFF



FF84FF



FF943A

# Rectangle

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



19CF66



00D5DE



FF84FF



FF718D

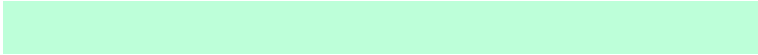


# Sweetspot

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



19CF66



BDFFD9



83CF19



588069



000000



808080



# Same Dimension

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



19CF66



00FF6C



19CFC0



5E6963



00A847



002911



# Inverse Universe

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



CF1982



FF0093



CF1928



695E64



A80061

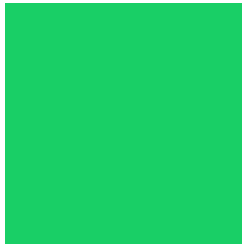


290018



# Previews

## White Background



This preview shows how the Hex color 19CF66 looks on a white background.

## Color Contrast Check

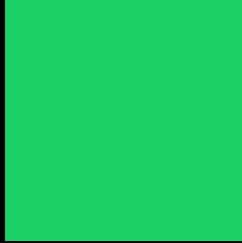
Large Text (above 18pt) WCAG AA × Fail

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 19CF66 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 19CF66 Background



This preview shows how black text looks on a background with the Hex color 19CF66.

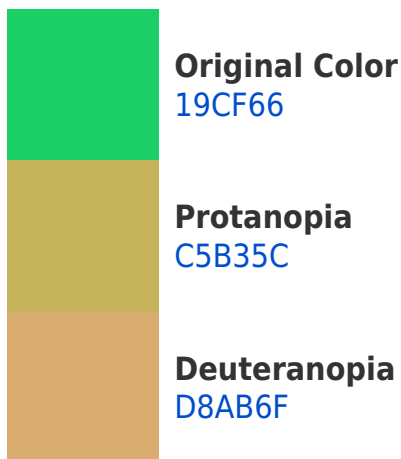


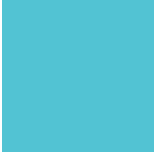
This preview shows how white text looks on a background with the Hex color 19CF66.

# 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**  
52C3D3

# Trichromacy



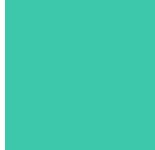
**Original Color**  
19CF66



**Protanomaly**  
86BD60



**Deuteranomaly**  
93B86C



**Tritanomaly**  
3DC7AB

# Monochromacy



**Original Color**  
19CF66



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
63A57F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19CF66 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 #19CF66 looks like.

```
.text, #text, p{  
    color:#19CF66  
}
```

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 #19CF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19CF66
}
```

## Border

The CSS property to change the border of an element to Hex 19CF66 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
#19CF66 }
```

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

```
.border{ border-color:#19CF66 }
```

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

Here you see how a box with a 4 pixel #19CF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19CF66; -webkit-box-shadow:4px 4px  
4px 4px #19CF66; box-shadow:4px 4px 4px  
4px #19CF66 }
```

# Background

The CSS property to change the background color of an element to Hex 19CF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19CF66 }
```

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

```
.background{ background-color:#19CF66 }
```

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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