

# Converting Colors

Hex(19D147)

Have a look what the booklet for  
Hex(19D147) contains.

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**Color**

**Hex(19D147)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19D147
RGB	25, 209, 71
RGB Percent	10%, 82%, 28%
CMY	0.9020, 0.1804, 0.7216
CMYK	0.88, 0.00, 0.66, 0.18
HSL	135°, 79%, 46%
HSV	135°, 88%, 82%
XYZ	24.3387, 46.2625, 13.6080
YIQ	138.2520, -65.3660, -81.9260

# Conversions

## Conversions Part 2

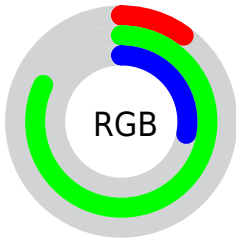
Format	Color
<a href="#">RYB</a>	<a href="#">25, 172, 209</a>
Decimal	<a href="#">1691975</a>
CIELab	<a href="#">73.72, -69.20, 54.69</a>
CIELCh	<a href="#">74, 88.198, 141.679</a>
Yxy	<a href="#">46.2625, 0.2890, 0.5494</a>
Android (android.graphics.Color)	<a href="#">4279882055 (0xFF19D147)</a>
YUV	<a href="#">138.2520, -33.1552, -99.3220</a>
Hunter-Lab	<a href="#">68.0166, -55.1555, 35.7495</a>

# Details

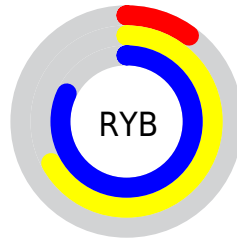
The Hex color **19D147** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D119A3**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **6EFF7D**, and **009905** is the 20% darker color. If you saturate the color by 10%, you get **04D137**, and if you desaturate by 10%, it is **2ED157**.

# Distribution



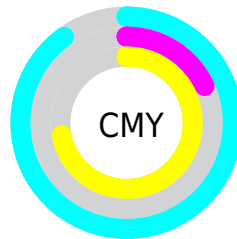
- Red (10%)
- Green (82%)
- Blue (28%)



- Red (10%)
- Yellow (67%)
- Blue (82%)



- Cyan (88%)
- Magenta (0%)
- Yellow (66%)
- Black (18%)



- Cyan (90%)
- Magenta (18%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19D147 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 19D147 by changing the saturation by 10% instead.



 19D147

 19D147

FFFFFF

 00B52B

 6EFF7D

 009905

 8EFF98

 007E00

 AEFFB4

 006300

 CDFFD1

 004900

 ECFEE

 003200

 001500

 000000

 19D147

 19D147

■ 04D137

■ 2ED157

■ 00D134

■ 43D166

■ 58D176

■ 6DD186

■ 82D195

■ 96D1A5

■ ABD1B5

■ C0D1C4

■ D5D1D4

# Harmonies

## Analogous

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



A1C300



19D147



00D89B

# Triad

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



19D147



00C6FF



FF617F

# Complementary

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



19D147



D119A3

# 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.



FF5DCF



19D147



7DAAFF

# Square

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



19D147



00D4FF



FF82FF



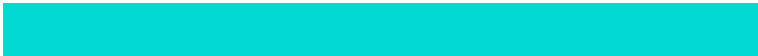
FF8632

# Rectangle

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



19D147



00D9D4



FF82FF



FF5A99

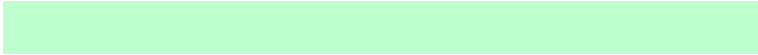


# Sweetspot

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



19D147



BDFLCD



A3D119



588062



000000



808080



# Same Dimension

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



19D147



00FF40



19D1A3



5E6961



00A82A



00290A



# Inverse Universe

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



D119A3



FF00BF



D11947



695E66



A8007E

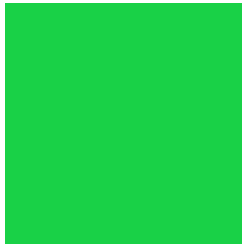


29001F



# Previews

## White Background



This preview shows how the Hex color 19D147 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 19D147 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 19D147 Background



This preview shows how black text looks on a background with the Hex color 19D147.

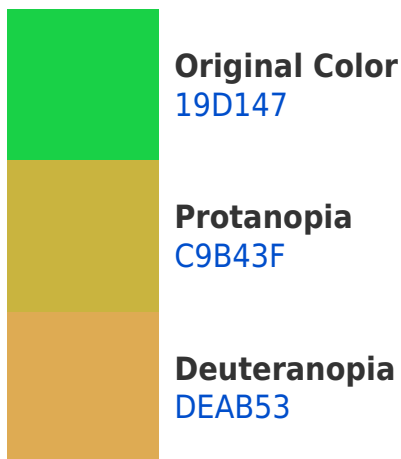


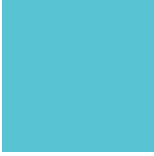
This preview shows how white text looks on a background with the Hex color 19D147.

# 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](#).

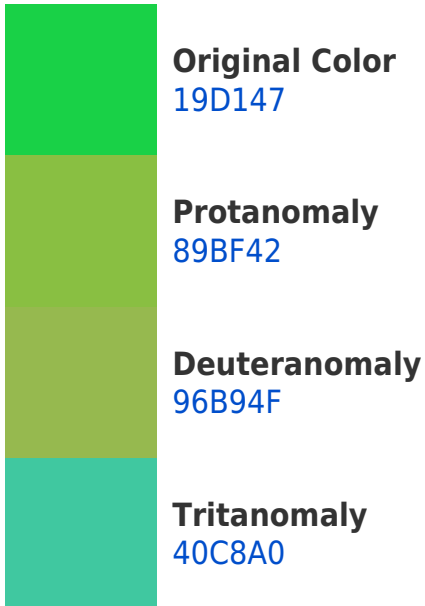
## Dichromacy



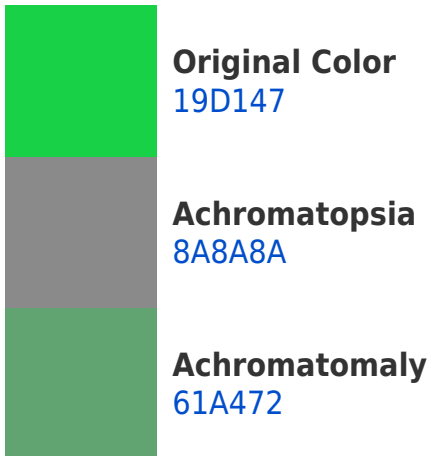


**Tritanopia**  
57C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19D147 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 #19D147 looks like.

```
.text, #text, p{  
    color:#19D147  
}
```

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 #19D147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19D147
}
```

## Border

The CSS property to change the border of an element to Hex 19D147 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
#19D147 }
```

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

```
.border{ border-color:#19D147 }
```

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

Here you see how a box with a 4 pixel #19D147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19D147; -webkit-box-shadow:4px 4px  
4px 4px #19D147; box-shadow:4px 4px 4px  
4px #19D147 }
```

# Background

The CSS property to change the background color of an element to Hex 19D147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19D147 }
```

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

```
.background{ background-color:#19D147 }
```

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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