

# Converting Colors

Hex(19DF17)

Have a look what the booklet for  
Hex(19DF17) contains.

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# **Color**

**Hex(19DF17)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19DF17
RGB	25, 223, 23
RGB Percent	10%, 87%, 9%
CMY	0.9020, 0.1255, 0.9098
CMYK	0.89, 0.00, 0.90, 0.13
HSL	119°, 81%, 48%
HSV	119°, 90%, 87%
XYZ	26.9432, 53.0439, 9.6291
YIQ	140.9980, -53.8080, -104.1760

# Conversions

## Conversions Part 2

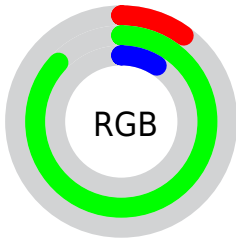
Format	Color
R <sub>Y</sub> B	23, 223, 221
Decimal	1695511
CIE Lab	77.90, -76.29, 72.79
CIE LCh	78, 105.448, 136.345
Yxy	53.0439, 0.3007, 0.5919
Android (android.graphics.Color)	4279885591 (0xFF19DF17)
YUV	140.9980, -58.1730, -101.7302
Hunter-Lab	72.8312, -61.4203, 43.1431

# Details

The Hex color **19DF17** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DD17DF**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **74FF5D**, and **00A600** is the 20% darker color. If you saturate the color by 10%, you get **03DF01**, and if you desaturate by 10%, it is **2FDF2D**.

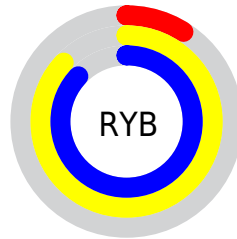
# Distribution



Red (10%)

Green (87%)

Blue (9%)



Red (9%)

Yellow (87%)

Blue (87%)

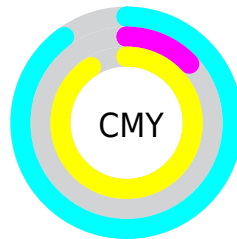


Cyan (89%)

Magenta (0%)

Yellow (90%)

Black (13%)



Cyan (90%)

Magenta (13%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19DF17 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 19DF17 by changing the saturation by 10% instead.



 19DF17

 19DF17

FFFFFF

 00C200

 74FF5D

 00A600

 95FF7A

 008A00

 B5FF97

 006F00

 D5FFB4

 005500

 F5FFD1

 003D00

 FFFFEE

 002300

 000000

 19DF17

 19DF17

 03DF01

 2FDF2D

 02DF00

 45DF44

 5BDF5A

 71DF70

 87DF86

 9DDF9D

 B4DFB3

 CADFC9

 E0DFE0

# Harmonies

## Analogous

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



B6CD00



19DF17



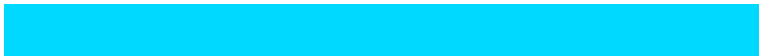
00E88F

# Triad

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



19DF17



00D9FF



FF4290

# Complementary

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



19DF17



DD17DF

# 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.



FF4BF2



19DF17



00BAFF

# Square

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



19DF17



00E7FF



FF88FF



FF7A2F

# Rectangle

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



19DF17



00EAD4



FF88FF



FF38B0

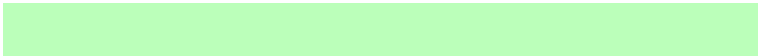


# Sweetspot

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



19DF17



BBFFBA



DFDC17



578057



000000



808080



# Same Dimension

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



19DF17



03FF00



17DF78



657065



02B000



003000



# Inverse Universe

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



DD17DF



FC00FF



DF177E



706570



AE00B0

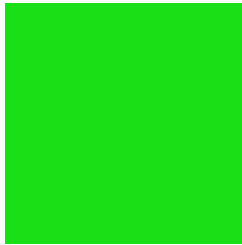


300030



# Previews

## White Background



This preview shows how the Hex color 19DF17 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 19DF17 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

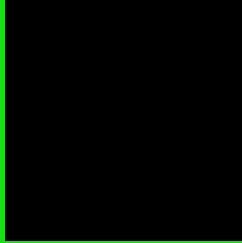
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 19DF17 Background



This preview shows how black text looks on a background with the Hex color 19DF17.

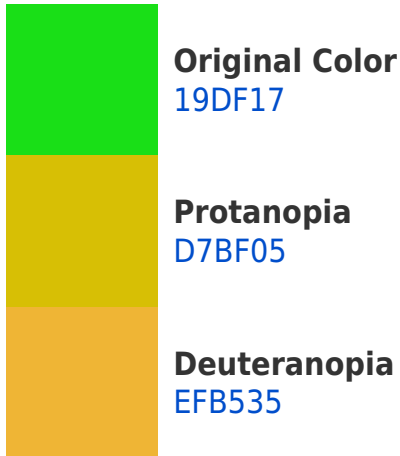


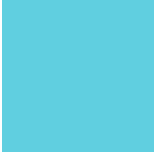
This preview shows how white text looks on a background with the Hex color 19DF17.

# 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](#).

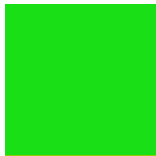
## Dichromacy





**Tritanopia**  
60CFE0

# Trichromacy



**Original Color**  
19DF17



**Protanomaly**  
92CB0C

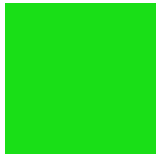


**Deuteranomaly**  
A1C42A



**Tritanomaly**  
46D597

# Monochromacy



**Original Color**  
19DF17



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
63AB62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19DF17 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 #19DF17 looks like.

```
.text, #text, p{  
    color:#19DF17  
}
```

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 #19DF17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19DF17
}
```

## Border

The CSS property to change the border of an element to Hex 19DF17 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
#19DF17 }
```

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

```
.border{ border-color:#19DF17 }
```

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

Here you see how a box with a 4 pixel #19DF17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19DF17; -webkit-box-shadow:4px 4px  
4px 4px #19DF17; box-shadow:4px 4px 4px  
4px #19DF17 }
```

# Background

The CSS property to change the background color of an element to Hex 19DF17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19DF17 }
```

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

```
.background{ background-color:#19DF17 }
```

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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