

# Converting Colors

Hex(19DE1C)

Have a look what the booklet for  
Hex(19DE1C) contains.

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# Color

Hex(19DE1C)

# Conversions

## Conversions Part 1

Format	Color
Hex	19DE1C
RGB	25, 222, 28
RGB Percent	10%, 87%, 11%
CMY	0.9020, 0.1294, 0.8902
CMYK	0.89, 0.00, 0.87, 0.13
HSL	121°, 80%, 48%
HSV	121°, 89%, 87%
XYZ	26.7318, 52.5331, 9.8296
YIQ	140.9810, -55.1380, -102.0980

# Conversions

## Conversions Part 2

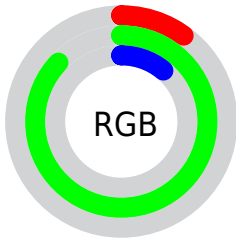
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 219, 222
Decimal	1695260
CIE <sub>Lab</sub>	77.60, -75.85, 71.66
CIE <sub>LCh</sub>	78, 104.345, 136.628
Yxy	52.5331, 0.3000, 0.5896
Android (android.graphics.Color)	4279885340 (0xFF19DE1C)
YUV	140.9810, -55.6996, -101.7153
Hunter-Lab	72.4797, -61.0055, 42.6950

# Details

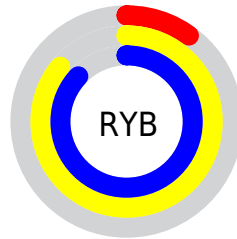
The Hex color **19DE1C** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DE19DB**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **73FF5F**, and **00A500** is the 20% darker color. If you saturate the color by 10%, you get **03DE06**, and if you desaturate by 10%, it is **2FDE32**.

# Distribution



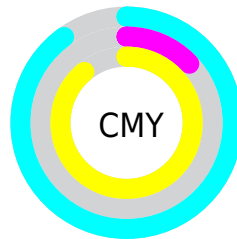
- Red (10%)
- Green (87%)
- Blue (11%)



- Red (10%)
- Yellow (86%)
- Blue (87%)



- Cyan (89%)
- Magenta (0%)
- Yellow (87%)
- Black (13%)



- Cyan (90%)
- Magenta (13%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19DE1C 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 19DE1C by changing the saturation by 10% instead.



 19DE1C

 19DE1C

FFFFFF

 00C100


 73FF5F

 00A500

 95FF7C

 008900

 B5FF98

 006F00

 D4FFB5

 005400

 F4FFD3

 003C00

 FFFFF0

 002200

 000000

 19DE1C

 19DE1C

 03DE06

 2FDE32

 00DE03

 45DE48

 5CDE5E

 72DE73

 88DE89

 9EDE9F

 B4DEB5

 CBDECB

 E1DEE1

# Harmonies

## Analogous

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



B5CC00



19DE1C



00E78F

# Triad

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



19DE1C



00D8FF



FF448F

# Complementary

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



19DE1C



DE19DB

# 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.



FF4CEF



19DE1C



00B9FF

# Square

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



19DE1C



00E6FF



FF88FF



FF7B2F

# Rectangle

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



19DE1C



00E9D3



FF88FF



FF3BAF

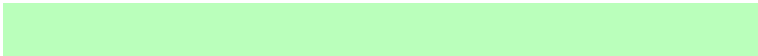


# Sweetspot

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



19DE1C



BAFFBB



DEDE19



578057



000000



808080



# Same Dimension

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



19DE1C



00FF04



19DE7C



657065



00B003



003001



# Inverse Universe

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



DE19DB



FF00FB



DE197C



706570



B000AD

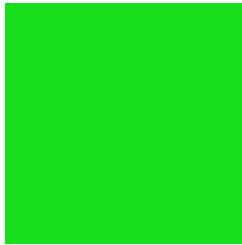


300030



# Previews

## White Background



This preview shows how the Hex color 19DE1C looks on a white background.

## Color Contrast Check

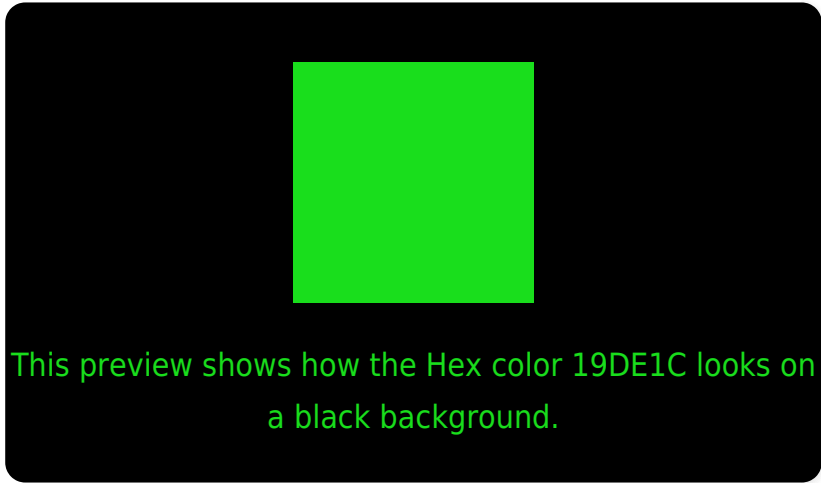
Large Text (above 18pt) WCAG AA × Fail

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 19DE1C Background



This preview shows how black text looks on a background with the Hex color 19DE1C.

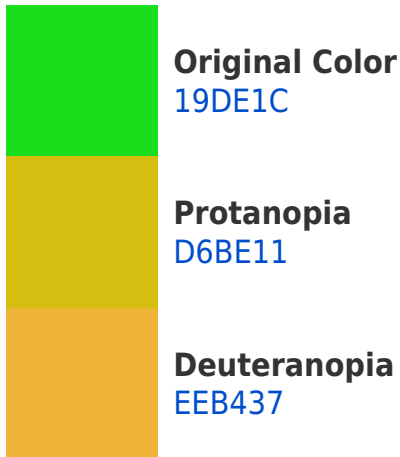


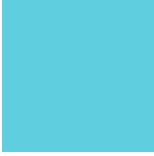
This preview shows how white text looks on a background with the Hex color 19DE1C.

# 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](#).

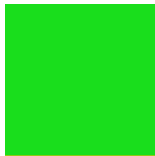
## Dichromacy





**Tritanopia**  
5FCEDF

# Trichromacy



**Original Color**  
19DE1C



**Protanomaly**  
91CA15



**Deuteranomaly**  
A1C32D



**Tritanomaly**  
46D498

# Monochromacy



**Original Color**  
19DE1C



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
63AA64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19DE1C 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 #19DE1C looks like.

```
.text, #text, p{  
    color:#19DE1C  
}
```

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 #19DE1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19DE1C
}
```

## Border

The CSS property to change the border of an element to Hex 19DE1C 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
#19DE1C }
```

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

```
.border{ border-color:#19DE1C }
```

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

Here you see how a box with a 4 pixel #19DE1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19DE1C; -webkit-box-shadow:4px 4px  
4px 4px #19DE1C; box-shadow:4px 4px 4px  
4px #19DE1C }
```

# Background

The CSS property to change the background color of an element to Hex 19DE1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19DE1C }
```

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

```
.background{ background-color:#19DE1C }
```

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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