

# Converting Colors

Hex(18CD00)

Have a look what the booklet for  
Hex(18CD00) contains.

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**Color**

**Hex(18CD00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18CD00
RGB	24, 205, 0
RGB Percent	9%, 80%, 0%
CMY	0.9059, 0.1961, 1.0000
CMYK	0.88, 0.00, 1.00, 0.20
HSL	113°, 100%, 40%
HSV	113°, 100%, 80%
XYZ	22.2080, 43.8568, 7.2947
YIQ	127.5110, -42.0710, -102.1270

# Conversions

## Conversions Part 2

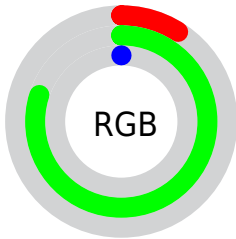
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 205, 181
Decimal	1625344
CIELab	72.13, -71.92, 70.72
CIELCh	72, 100.870, 135.482
Yxy	43.8568, 0.3027, 0.5978
Android (android.graphics.Color)	4279815424 (0xFF18CD00)
YUV	127.5110, -62.8629, -90.7791
Hunter-Lab	66.2245, -56.0339, 39.8263

# Details

The Hex color **18CD00** 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 **B500CD**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6FFF52**, and **009500** is the 20% darker color. If you saturate the color by 10%, you get **18CD00**, and if you desaturate by 10%, it is **2ACD14**.

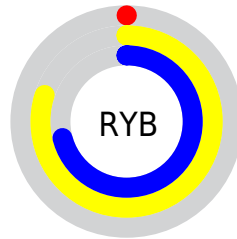
# Distribution



Red (9%)

Green (80%)

Blue (0%)



Red (0%)

Yellow (80%)

Blue (71%)

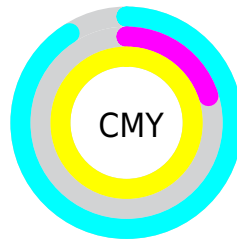


Cyan (88%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (91%)

Magenta (20%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18CD00 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 18CD00 by changing the saturation by 10% instead.



 18CD00

 18CD00

FFFFFF

 00B100


 6FFF52

 009500

 90FF6F

 007A00

 AFFF8B

 005F00

 CEFFA8

 004600

 EEFFC5

 002D00

 FFFF E2

 000E00

 000000

 18CD00

 2ACD14

 3CCD29

 4ECD3E

 60CD52

 73CD67

 85CD7B

 97CD90

 A9CDA4

 BBCDB9

# Harmonies

## Analogous

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



A9BB00



18CD00



00D57F

# Triad

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



18CD00



00C9FF



FF3386

# Complementary

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



18CD00



B500CD

# 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.



FF40E2



18CD00



00ACFF

# Square

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



18CD00



00D5FF



ED7DFF



FF6D2A

# Rectangle

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



18CD00



00D8C0



ED7DFF



FF2AA4

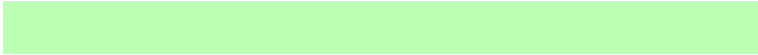


# Sweetspot

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



18CD00



BBFFB3



CDB200



578052



000000



808080



# Same Dimension

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



18CD00



1EFF00



00CD4B



5D665C



13A600



042600



# Inverse Universe

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



B500CD



E100FF



CD0082



655C66



9200A6

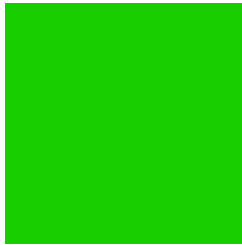


220026



# Previews

## White Background



This preview shows how the Hex color 18CD00 looks on a white background.

## Color Contrast Check

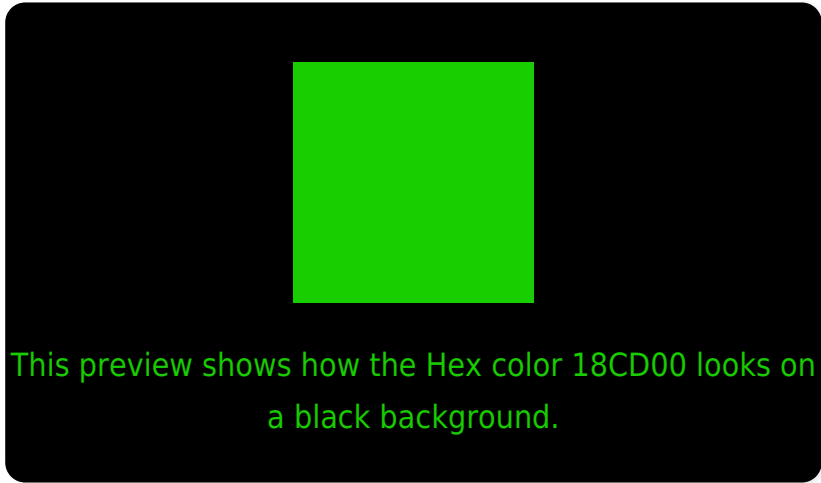
Large Text (above 18pt) WCAG AA × Fail

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 18CD00 Background



This preview shows how black text looks on a background with the Hex color 18CD00.

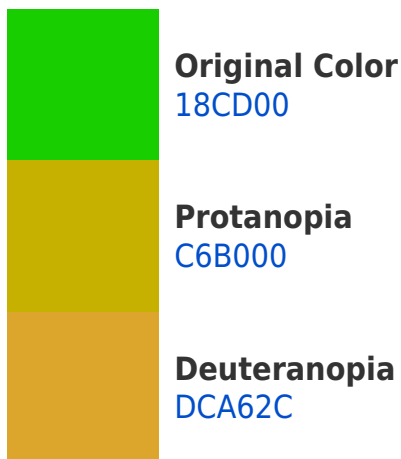


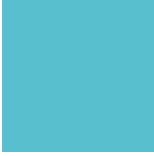
This preview shows how white text looks on a background with the Hex color 18CD00.

# 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](#).

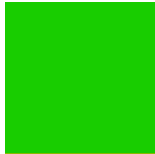
## Dichromacy





**Tritanopia**  
58BFCE

# Trichromacy



**Original Color**  
18CD00



**Protanomaly**  
87BB00

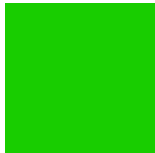


**Deuteranomaly**  
95B41C



**Tritanomaly**  
41C483

# Monochromacy



**Original Color**  
18CD00



**Achromatopsia**  
808080



**Achromatomaly**  
5A9C51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18CD00 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 #18CD00 looks like.

```
.text, #text, p{  
    color:#18CD00  
}
```

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 #18CD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18CD00
}
```

## Border

The CSS property to change the border of an element to Hex 18CD00 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".

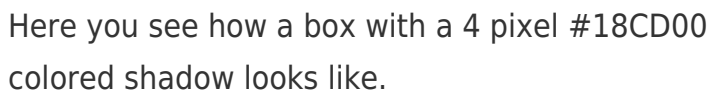
```
.border, #border, table{ border:4px solid
#18CD00 }
```

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

```
.border{ border-color:#18CD00 }
```

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

Here you see how a box with a 4 pixel #18CD00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4-pixel wide, 4-pixel high, 4-pixel offset, green shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18CD00; -webkit-box-shadow:4px 4px  
4px 4px #18CD00; box-shadow:4px 4px 4px  
4px #18CD00 }
```

# Background

The CSS property to change the background color of an element to Hex 18CD00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18CD00 }
```

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

```
.background{ background-color:#18CD00 }
```

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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