

Converting Colors

Hex(1CD91C)

Have a look what the booklet for
Hex(1CD91C) contains.

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Color

Hex(1CD91C)

Conversions

Conversions Part 1

Format	Color
Hex	1CD91C
RGB	28, 217, 28
RGB Percent	11%, 85%, 11%
CMY	0.8902, 0.1490, 0.8902
CMYK	0.87, 0.00, 0.87, 0.15
HSL	120°, 77%, 48%
HSV	120°, 87%, 85%
XYZ	25.5013, 49.9564, 9.3971
YIQ	138.9430, -51.9750, -98.8470

Conversions

Conversions Part 2

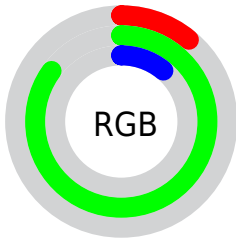
Format	Color
RYB	28, 217, 217
Decimal	1890588
CIELab	76.04, -74.25, 70.31
CIELCh	76, 102.256, 136.561
Yxy	49.9564, 0.3005, 0.5887
Android (android.graphics.Color)	4280080668 (0xFF1CD91C)
YUV	138.9430, -54.6949, -97.2970
Hunter-Lab	70.6799, -59.2868, 41.5931

Details

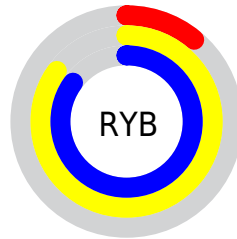
The Hex color **1CD91C** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D91CD9**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **73FF5E**, and **00A000** is the 20% darker color. If you saturate the color by 10%, you get **06D906**, and if you desaturate by 10%, it is **32D932**.

Distribution



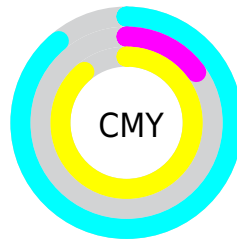
- Red (11%)
- Green (85%)
- Blue (11%)



- Red (11%)
- Yellow (85%)
- Blue (85%)



- Cyan (87%)
- Magenta (0%)
- Yellow (87%)
- Black (15%)



- Cyan (89%)
- Magenta (15%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CD91C 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 1CD91C by changing the saturation by 10% instead.

 1CD91C

 1CD91C

FFFFFF

 00BC00

 73FF5E

 00A000

 94FF7B

 008500

 B4FF97

 006A00

 D3FFB4

 005000

 F3FFD1

 003800

 FFFFEF

 001D00

 000000

 1CD91C

 1CD91C

06D906

32D932

00D900

47D947

5DD95D

73D973

88D988

9ED99E

B4D9B4

CAD9CA

DFD9DF

Harmonies

Analogous

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



B1C700



1CD91C



00E28C

Triad

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



1CD91C



00D3FF



FF448C

Complementary

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



1CD91C



D91CD9

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.



FF4CEA



1CD91C



00B5FF

Square

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



1CD91C



00E1FF



FE85FF



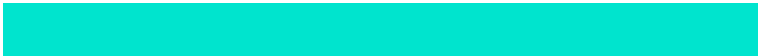
FF792E

Rectangle

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



1CD91C



00E4CE



FE85FF



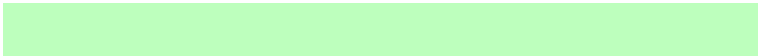
FF3BAB

Sweetspot

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



1CD91C



BDFFBF



D9D91C



588058



000000



808080

Same Dimension

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



1CD91C



00FF00



1CD97A



636E63



00AD00



002E00

Inverse Universe

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



D91CD9



FF00FF



D91C7A



6E636E



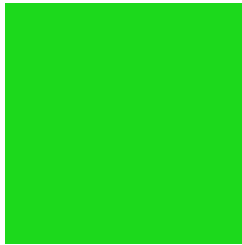
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 1CD91C looks on a white background.

Color Contrast Check

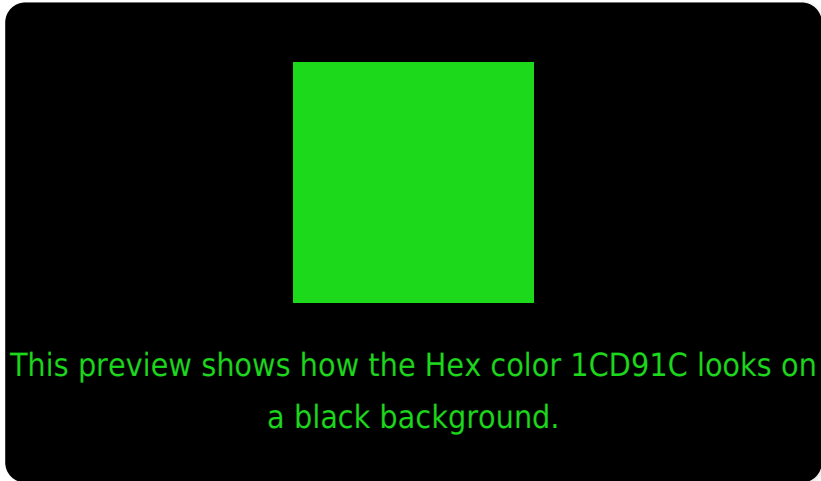
Large Text (above 18pt) WCAG AA × Fail

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 1CD91C Background



This preview shows how black text looks on a background with the Hex color 1CD91C.

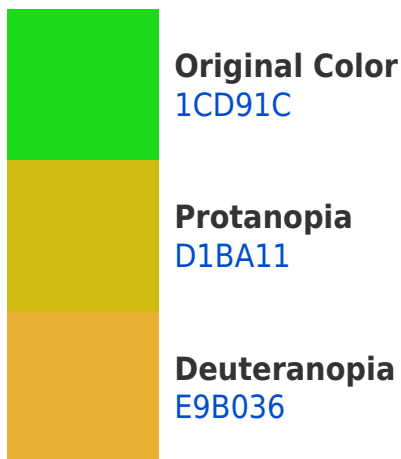


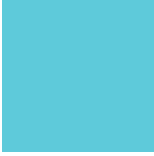
This preview shows how white text looks on a background with the Hex color 1CD91C.

Color Blindness Simulation

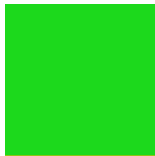
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
1CD91C



Protanomaly
8FC515

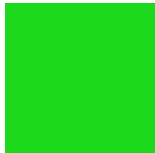


Deuteranomaly
9EBF2D



Tritanomaly
46CF95

Monochromacy



Original Color
1CD91C



Achromatopsia
8B8B8B



Achromatomaly
63A763

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CD91C 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 #1CD91C looks like.

```
.text, #text, p{  
    color:#1CD91C  
}
```

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 #1CD91C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CD91C
}
```

Border

The CSS property to change the border of an element to Hex 1CD91C 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
#1CD91C }
```

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

```
.border{ border-color:#1CD91C }
```

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

Here you see how a box with a 4 pixel #1CD91C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CD91C; -webkit-box-shadow:4px 4px  
4px 4px #1CD91C; box-shadow:4px 4px 4px  
4px #1CD91C }
```

Background

The CSS property to change the background color of an element to Hex 1CD91C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CD91C }
```

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

```
.background{ background-color:#1CD91C }
```

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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