

Converting Colors

Hex(0CCE1C)

Have a look what the booklet for
Hex(0CCE1C) contains.

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Color

Hex(0CCE1C)

Conversions

Conversions Part 1

Format	Color
Hex	0CCE1C
RGB	12, 206, 28
RGB Percent	5%, 81%, 11%
CMY	0.9529, 0.1922, 0.8902
CMYK	0.94, 0.00, 0.86, 0.19
HSL	125°, 89%, 43%
HSV	125°, 94%, 81%
XYZ	22.4325, 44.3046, 8.4679
YIQ	127.7020, -58.4860, -96.4860

Conversions

Conversions Part 2

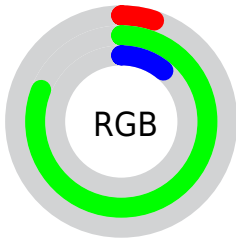
Format	Color
RYB	12, 191, 206
Decimal	839196
CIELab	72.43, -72.18, 67.10
CIELCh	72, 98.548, 137.088
Yxy	44.3046, 0.2983, 0.5891
Android (android.graphics.Color)	4279029276 (0xFF0CCE1C)
YUV	127.7020, -49.1531, -101.4707
Hunter-Lab	66.5617, -56.3252, 39.0504

Details

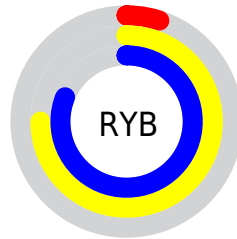
The Hex color **0CCE1C** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **CE0CBE**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6CFF5C**, and **009600** is the 20% darker color. If you saturate the color by 10%, you get **00CE11**, and if you desaturate by 10%, it is **21CE2F**.

Distribution



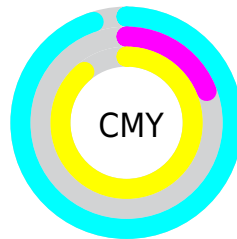
- Red (5%)
- Green (81%)
- Blue (11%)



- Red (5%)
- Yellow (75%)
- Blue (81%)



- Cyan (94%)
- Magenta (0%)
- Yellow (86%)
- Black (19%)



- Cyan (95%)
- Magenta (19%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CCE1C 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 0CCE1C by changing the saturation by 10% instead.

 0CCE1C

 0CCE1C

FFFFFF

 00B200


 6CFF5C

 009600

 8CFF78

 007B00

 ACFF95

 006000

 CBFFB1


 004700

 EBFFCE

 002E00

 FFFFEC

 001000

 000000

 0CCE1C

 0CCE1C

 00CE11

 21CE2F

 35CE42

 4ACE55

 5ECE68

 73CE7B

 88CE8D

 9CCEA0

 B1CEB3

 C5CEC6

Harmonies

Analogous

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



A6BD00



0CCE1C



00D686

Triad

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



0CCE1C



00C8FF



FF3F83

Complementary

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



0CCE1C



CE0CBE

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.



FF45DD



0CCE1C



01ABFF

Square

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



0CCE1C



00D5FF



F37DFF



FF7329

Rectangle

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



0CCE1C



00D8C5



F37DFF



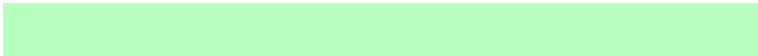
FF36A0

Sweetspot

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



0CCE1C



B8FFBD



C1CE0C



548058



000000



808080

Same Dimension

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



0CCE1C



00FF15



0CCE7A



5C665D



00A60E



002603

Inverse Universe

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



CE0CBE



FF00EA



CE0C60



665C65



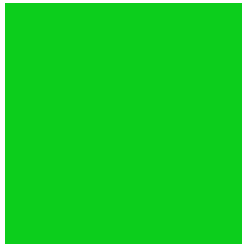
A60098



260023

Previews

White Background



This preview shows how the Hex color 0CCE1C looks on a white background.

Color Contrast Check

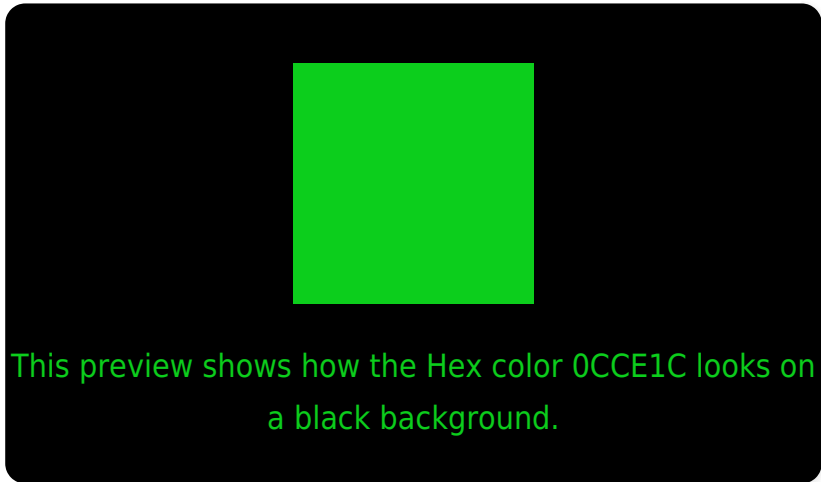
Large Text (above 18pt) WCAG AA × Fail

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 0CCE1C Background



This preview shows how black text looks on a background with the Hex color 0CCE1C.

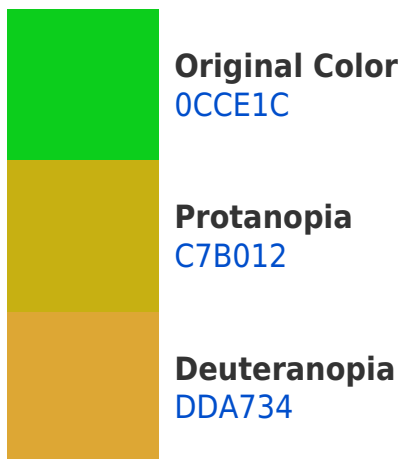


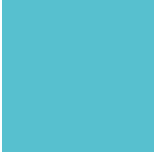
This preview shows how white text looks on a background with the Hex color 0CCE1C.

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](#).

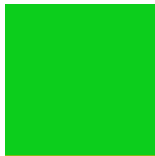
Dichromacy





Tritanopia
57C0CF

Trichromacy



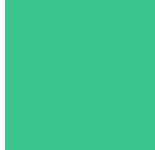
Original Color
0CCE1C



Protanomaly
83BB16



Deuteranomaly
91B52B



Tritanomaly
3CC58E

Monochromacy



Original Color
0CCE1C



Achromatopsia
808080



Achromatomaly
569C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CCE1C 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 #0CCE1C looks like.

```
.text, #text, p{  
    color:#0CCE1C  
}
```

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 #0CCE1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CCE1C
}
```

Border

The CSS property to change the border of an element to Hex 0CCE1C 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
#0CCE1C }
```

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

```
.border{ border-color:#0CCE1C }
```

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

Here you see how a box with a 4 pixel #0CCE1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CCE1C; -webkit-box-shadow:4px 4px  
4px 4px #0CCE1C; box-shadow:4px 4px 4px  
4px #0CCE1C }
```

Background

The CSS property to change the background color of an element to Hex 0CCE1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CCE1C }
```

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

```
.background{ background-color:#0CCE1C }
```

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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