

Converting Colors

Hex(0CCD19)

Have a look what the booklet for
Hex(0CCD19) contains.

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Color

Hex(0CCD19)

Conversions

Conversions Part 1

Format	Color
Hex	0CCD19
RGB	12, 205, 25
RGB Percent	5%, 80%, 10%
CMY	0.9529, 0.1961, 0.9020
CMYK	0.94, 0.00, 0.88, 0.20
HSL	124°, 89%, 43%
HSV	124°, 94%, 80%
XYZ	22.1584, 43.8110, 8.2082
YIQ	126.7730, -57.2480, -96.8960

Conversions

Conversions Part 2

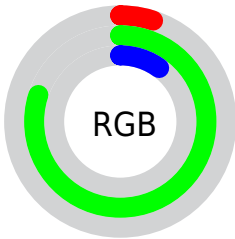
Format	Color
RYB	12, 193, 205
Decimal	838937
CIELab	72.10, -72.02, 67.41
CIELCh	72, 98.647, 136.893
Yxy	43.8110, 0.2987, 0.5906
Android (android.graphics.Color)	4279029017 (0xFF0CCD19)
YUV	126.7730, -50.1741, -100.6559
Hunter-Lab	66.1899, -56.0758, 38.9804

Details

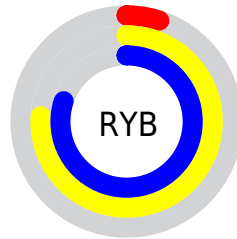
The Hex color **0CCD19** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **CD0CC0**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6BFF5A**, and **009500** is the 20% darker color. If you saturate the color by 10%, you get **00CD0E**, and if you desaturate by 10%, it is **21CD2C**.

Distribution



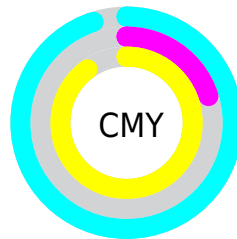
- Red (5%)
- Green (80%)
- Blue (10%)



- Red (5%)
- Yellow (76%)
- Blue (80%)



- Cyan (94%)
- Magenta (0%)
- Yellow (88%)
- Black (20%)



- Cyan (95%)
- Magenta (20%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CCD19 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 0CCD19 by changing the saturation by 10% instead.

 0CCD19

 0CCD19

FFFFFF

 00B100

 6BFF5A

 009500

 8CFF77

 007A00

 ACFF93

 005F00

 CBFFB0

 004600

 EAFFCD

 002D00

 FFFFEA

 000E00

 000000

 0CCD19

 0CCD19

 00CD0E

 21CD2C

 35CD3F

 4ACD52

 5ECD65

 73CD79

 87CD8C

 9CCD9F

 B0CDB2

 C5CDC5

Harmonies

Analogous

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



A6BC00



0CCD19



00D585

Triad

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



0CCD19



00C7FF



FF3D82

Complementary

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



0CCD19



CDOCC0

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.



FF44DC



0CCD19



00AAFF

Square

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



0CCD19



00D4FF



F17CFF



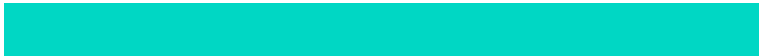
FF7129

Rectangle

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



0CCD19



00D7C4



F17CFF



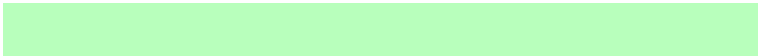
FF34A0

Sweetspot

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



0CCD19



B8FFBC



C0CD0C



548057



000000



808080

Same Dimension

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



0CCD19



00FF11



0CCD79



5C665C



00A60B



002603

Inverse Universe

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



CD0CC0



FF00EE



CD0C60



665C65



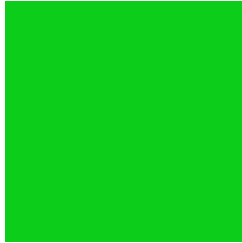
A6009B



260024

Previews

White Background



This preview shows how the Hex color 0CCD19 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 0CCD19 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 0CCD19 Background



This preview shows how black text looks on a background with the Hex color 0CCD19.

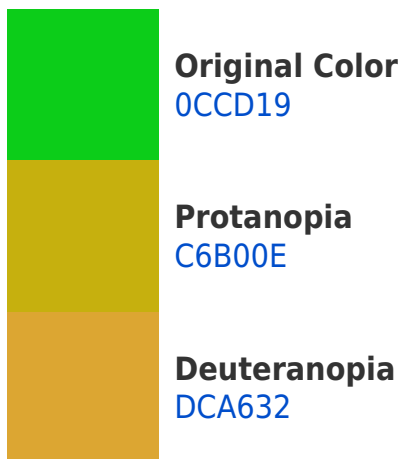


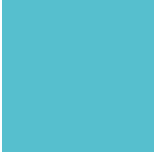
This preview shows how white text looks on a background with the Hex color 0CCD19.

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](#).

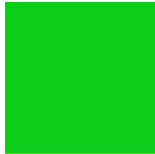
Dichromacy





Tritanopia
56BFCE

Trichromacy



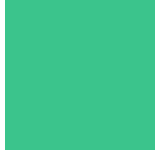
Original Color
0CCD19



Protanomaly
82BB12



Deuteranomaly
90B429



Tritanomaly
3BC48C

Monochromacy



Original Color
0CCD19



Achromatopsia
7F7F7F



Achromatomaly
559B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CCD19 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 #0CCD19 looks like.

```
.text, #text, p{  
    color:#0CCD19  
}
```

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 #0CCD19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CCD19
}
```

Border

The CSS property to change the border of an element to Hex 0CCD19 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
#0CCD19 }
```

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

```
.border{ border-color:#0CCD19 }
```

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

Here you see how a box with a 4 pixel #0CCD19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CCD19; -webkit-box-shadow:4px 4px  
4px 4px #0CCD19; box-shadow:4px 4px 4px  
4px #0CCD19 }
```

Background

The CSS property to change the background color of an element to Hex 0CCD19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CCD19 }
```

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

```
.background{ background-color:#0CCD19 }
```

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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