

Converting Colors

Hex(04CE18)

Have a look what the booklet for
Hex(04CE18) contains.

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Color

Hex(04CE18)

Conversions

Conversions Part 1

Format	Color
Hex	04CE18
RGB	4, 206, 24
RGB Percent	2%, 81%, 9%
CMY	0.9843, 0.1922, 0.9059
CMYK	0.98, 0.00, 0.88, 0.19
HSL	126°, 96%, 41%
HSV	126°, 98%, 81%
XYZ	22.2862, 44.2344, 8.2276
YIQ	124.8540, -61.9700, -99.4260

Conversions

Conversions Part 2

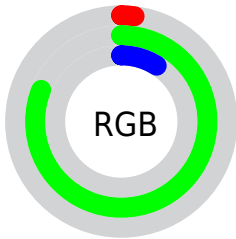
Format	Color
RYB	4, 188, 206
Decimal	314904
CIELab	72.38, -72.65, 67.83
CIELCh	72, 99.394, 136.963
Yxy	44.2344, 0.2982, 0.5918
Android (android.graphics.Color)	4278504984 (0xFF04CE18)
YUV	124.8540, -49.7210, -105.9890
Hunter-Lab	66.5089, -56.5777, 39.2216

Details

The Hex color **04CE18** 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 **CE04BA**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6AFF5A**, and **009600** is the 20% darker color. If you saturate the color by 10%, you get **00CE14**, and if you desaturate by 10%, it is **19CE2B**.

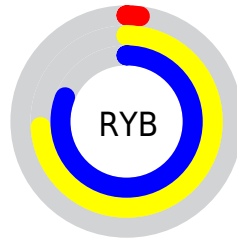
Distribution



Red (2%)

Green (81%)

Blue (9%)



Red (2%)

Yellow (74%)

Blue (81%)

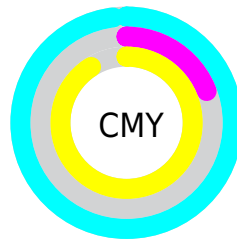


Cyan (98%)

Magenta (0%)

Yellow (88%)

Black (19%)



Cyan (98%)

Magenta (19%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04CE18 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 04CE18 by changing the saturation by 10% instead.

 04CE18

 04CE18

FFFFFF

 00B200

 6AFF5A

 009600

 8BFF76

 007B00

 ABFF93

 006000

 CBFFAF

 004700

 EAFFCC

 002E00

 FFFFEA

 000F00

 000000

 04CE18

 04CE18

 00CE14

 19CE2B

 2DCE3D

 42CE50

 56CE62

 6BCE75

 80CE87

 94CE9A

 A9CEAC

 BDCEBF

Harmonies

Analogous

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



A6BD00



04CE18



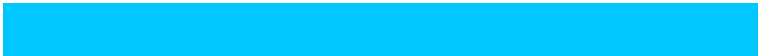
00D685

Triad

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



04CE18



00C8FF



FF3C83

Complementary

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



04CE18



CE04BA

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.



FF43DD



04CE18



00ABFF

Square

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



04CE18



00D5FF



F37CFF



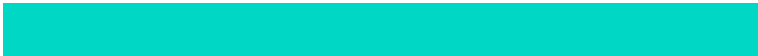
FF7128

Rectangle

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



04CE18



00D8C5



F37CFF



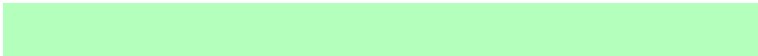
FF32A1

Sweetspot

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



04CE18



B5FFBC



BDCE04



538057



000000



808080

Same Dimension

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



04CE18



00FF19



04CE7A



5C665D



00A610



002604

Inverse Universe

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



CE04BA



FF00E6



CE0458



665C65



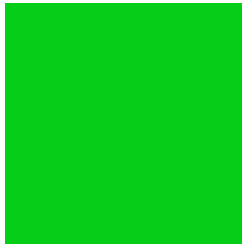
A60095



260022

Previews

White Background



This preview shows how the Hex color 04CE18 looks on a white background.

Color Contrast Check

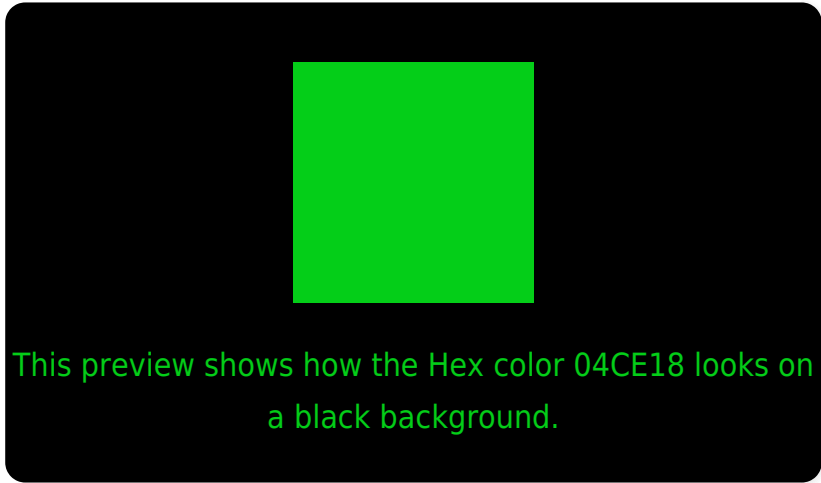
Large Text (above 18pt) WCAG AA × Fail

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 04CE18 Background



This preview shows how black text looks on a background with the Hex color 04CE18.



This preview shows how white text looks on a background with the Hex color 04CE18.

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](#).

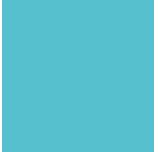
Dichromacy



Original Color
04CE18

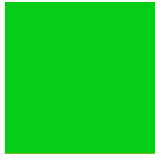
Protanopia
C7B00C

Deuteranopia
DDA732



Tritanopia
56C0CF

Trichromacy



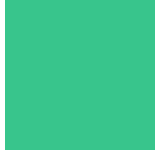
Original Color
04CE18



Protanomaly
80BB10

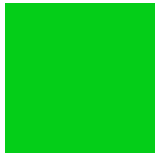


Deuteranomaly
8EB529



Tritanomaly
38C58C

Monochromacy



Original Color
04CE18



Achromatopsia
7D7D7D



Achromatomaly
519A58

CSS Examples

Text

The CSS property to change the color of the text to Hex 04CE18 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 #04CE18 looks like.

```
.text, #text, p{  
    color:#04CE18  
}
```

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 #04CE18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04CE18
}
```

Border

The CSS property to change the border of an element to Hex 04CE18 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
#04CE18 }
```

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

```
.border{ border-color:#04CE18 }
```

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

Here you see how a box with a 4 pixel #04CE18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04CE18; -webkit-box-shadow:4px 4px  
4px 4px #04CE18; box-shadow:4px 4px 4px  
4px #04CE18 }
```

Background

The CSS property to change the background color of an element to Hex 04CE18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04CE18 }
```

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

```
.background{ background-color:#04CE18 }
```

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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