

Converting Colors

Hex(09CD09)

Have a look what the booklet for
Hex(09CD09) contains.

Hex(09CD09)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(09CD09)

Conversions

Conversions Part 1

Format	Color
Hex	09CD09
RGB	9, 205, 9
RGB Percent	4%, 80%, 4%
CMY	0.9647, 0.1961, 0.9647
CMYK	0.96, 0.00, 0.96, 0.20
HSL	120°, 92%, 42%
HSV	120°, 96%, 80%
XYZ	21.9933, 43.7404, 7.5420
YIQ	124.0520, -53.9000, -102.5080

Conversions

Conversions Part 2

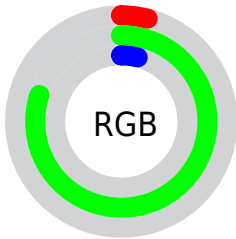
Format	Color
RYB	9, 205, 205
Decimal	642313
CIELab	72.05, -72.58, 69.68
CIELCh	72, 100.616, 136.168
Yxy	43.7404, 0.3001, 0.5969
Android (android.graphics.Color)	4278832393 (0xFF09CD09)
YUV	124.0520, -56.7206, -100.9006
Hunter-Lab	66.1366, -56.3800, 39.5343

Details

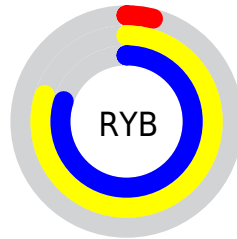
The Hex color **09CD09** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **CD09CD**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6BFF54**, and **009500** is the 20% darker color. If you saturate the color by 10%, you get **00CD00**, and if you desaturate by 10%, it is **1DCD1D**.

Distribution



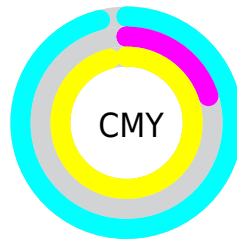
- Red (4%)
- Green (80%)
- Blue (4%)



- Red (4%)
- Yellow (80%)
- Blue (80%)



- Cyan (96%)
- Magenta (0%)
- Yellow (96%)
- Black (20%)



- Cyan (96%)
- Magenta (20%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09CD09 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 09CD09 by changing the saturation by 10% instead.

 09CD09

 09CD09

FFFFFF

 00B100

 6BFF54

 009500

 8CFF71

 007A00

 ACFF8E

 005F00

 CBFFAA

 004600

 EBFFC7

 002D00

 FFFF E5

 000E00

 000000

 09CD09

 09CD09

 00CD00

 1DCD1D

 32CD32

 46CD46

 5BCD5B

 6FCD6F

 84CD84

 98CD98

 ADCDAD

 C1CDC1

Harmonies

Analogous

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



A7BC00



09CD09



00D581

Triad

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



09CD09



00C8FF



FF3584

Complementary

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



09CD09



CD09CD

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.



FF3FDF



09CD09



00ABFF

Square

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



09CD09



00D5FF



F07CFF



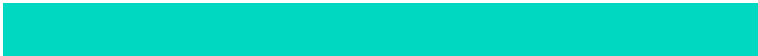
FF6E27

Rectangle

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



09CD09



00D8C2



F07CFF



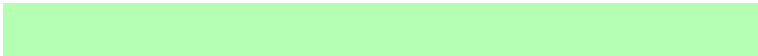
FF2BA2

Sweetspot

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



09CD09



B5FFB5



CDCD09



538053



000000



808080

Same Dimension

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



09CD09



00FF00



09CD6B



5C665C



00A600



002600

Inverse Universe

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



CD09CD



FF00FF



CD096B



665C66



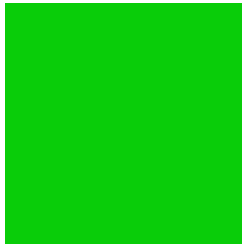
A600A6



260026

Previews

White Background



This preview shows how the Hex color 09CD09 looks on a white background.

Color Contrast Check

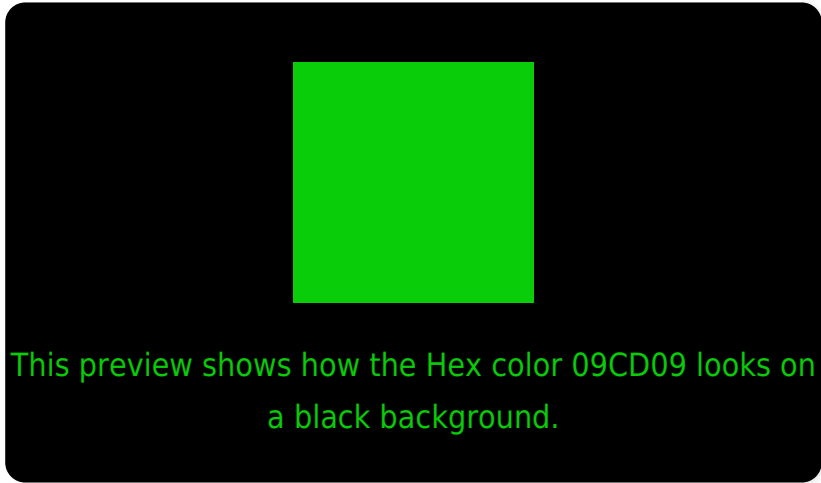
Large Text (above 18pt) WCAG AA × Fail

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 09CD09 Background



This preview shows how black text looks on a background with the Hex color 09CD09.

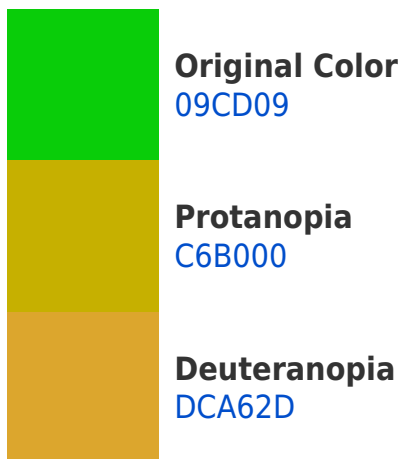


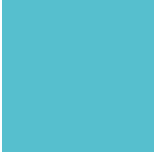
This preview shows how white text looks on a background with the Hex color 09CD09.

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](#).

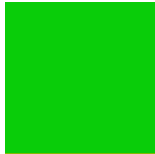
Dichromacy





Tritanopia
56BFCE

Trichromacy



Original Color
09CD09



Protanomaly
81BB03



Deuteranomaly
8FB420



Tritanomaly
3AC486

Monochromacy



Original Color
09CD09



Achromatopsia
7C7C7C



Achromatomaly
529952

CSS Examples

Text

The CSS property to change the color of the text to Hex 09CD09 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 #09CD09 looks like.

```
.text, #text, p{  
    color:#09CD09  
}
```

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 #09CD09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09CD09
}
```

Border

The CSS property to change the border of an element to Hex 09CD09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

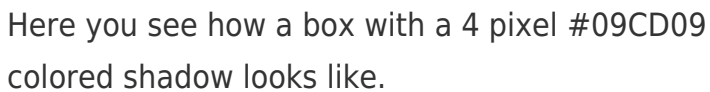
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#09CD09 }
```

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

```
.border{ border-color:#09CD09 }
```

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



Here you see how a box with a 4 pixel #09CD09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09CD09; -webkit-box-shadow:4px 4px  
4px 4px #09CD09; box-shadow:4px 4px 4px  
4px #09CD09 }
```

Background

The CSS property to change the background color of an element to Hex 09CD09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09CD09 }
```

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

```
.background{ background-color:#09CD09 }
```

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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