

Converting Colors

Hex(0CBD09)

Have a look what the booklet for
Hex(0CBD09) contains.

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Color

Hex(0CBD09)

Conversions

Conversions Part 1

Format	Color
Hex	0CBD09
RGB	12, 189, 9
RGB Percent	5%, 74%, 4%
CMY	0.9529, 0.2588, 0.9647
CMYK	0.94, 0.00, 0.95, 0.26
HSL	119°, 91%, 39%
HSV	119°, 95%, 74%
XYZ	18.3985, 36.4931, 6.3326
YIQ	115.5570, -47.7120, -93.5040

Conversions

Conversions Part 2

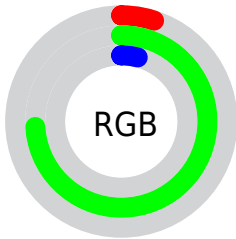
Format	Color
RYB	9, 189, 186
Decimal	834825
CIELab	66.89, -68.07, 65.43
CIElCh	67, 94.420, 136.131
Yxy	36.4931, 0.3005, 0.5961
Android (android.graphics.Color)	4279024905 (0xFF0CBD09)
YUV	115.5570, -52.5326, -90.8195
Hunter-Lab	60.4095, -51.3521, 36.0714

Details

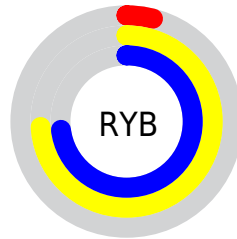
The Hex color **0CBD09** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BA09BD**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **67F751**, and **008600** is the 20% darker color. If you saturate the color by 10%, you get **03BD00**, and if you desaturate by 10%, it is **1FBD1C**.

Distribution



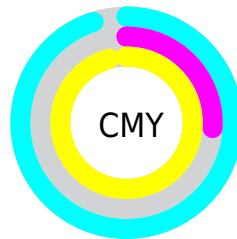
- Red (5%)
- Green (74%)
- Blue (4%)



- Red (4%)
- Yellow (74%)
- Blue (73%)



- Cyan (94%)
- Magenta (0%)
- Yellow (95%)
- Black (26%)



- Cyan (95%)
- Magenta (26%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CBD09 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 0CBD09 by changing the saturation by 10% instead.

 0CBD09

 0CBD09

FFFFFF

 00A100

 67F751

 008600

 87FF6D

 006B00

 A6FF89

 005100

 C5FFA5

 003A00

 E4FFC2

 002000

 FFFFDF

 000000

 FFFFFD

 0CBD09

 0CBD09

■ 03BD00

■ 1FBD1C

■ 31BD2F

■ 44BD42

■ 56BD55

■ 69BD68

■ 7CBD7A

■ 8EBD8D

■ A1BDA0

■ B3BDB3

Harmonies

Analogous

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



9AAD00



0CBD09



00C577

Triad

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



0CBD09



00B8FF



FF3179

Complementary

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



0CBD09



BA09BD

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.



FF3BCE



0CBD09



009EFF

Square

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



0CBD09



00C4FF



DD72FF



FF6524

Rectangle

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



0CBD09



00C7B3



DD72FF



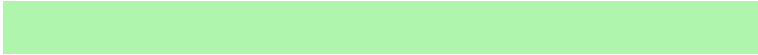
FF2895

Sweetspot

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



0CBD09



AFF5AE



BDBA09



507A50



FAFAFA



7A7A7A

Same Dimension

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



0CBD09



04F500



09BD60



555E55



039E00



011F00

Inverse Universe

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



BA09BD



F100F5



BD0966



5E555E



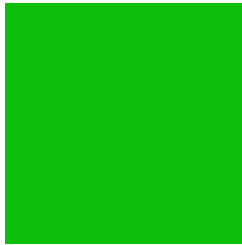
9B009E



1E001F

Previews

White Background



This preview shows how the Hex color 0CBD09 looks on a white background.

Color Contrast Check

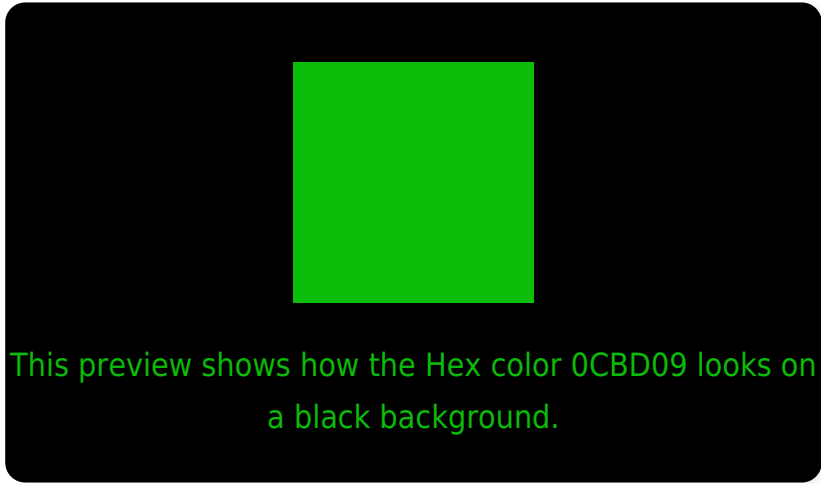
Large Text (above 18pt) WCAG AA × Fail

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 0CBD09 Background



This preview shows how black text looks on a background with the Hex color 0CBD09.

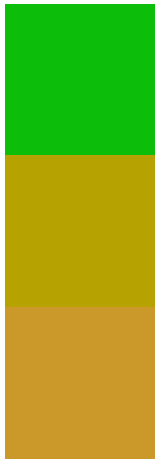


This preview shows how white text looks on a background with the Hex color 0CBD09.

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](#).

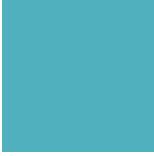
Dichromacy



Original Color
0CBD09

Protanopia
B6A200

Deuteranopia
CB992A



Tritanopia
50B0BE

Trichromacy



Original Color
0CBD09



Protanomaly
78AC03



Deuteranomaly
86A61E



Tritanomaly
37B57C

Monochromacy



Original Color
0CBD09



Achromatopsia
747474



Achromatomaly
4E8F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CBD09 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 #0CBD09 looks like.

```
.text, #text, p{  
    color:#0CBD09  
}
```

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 #0CBD09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CBD09
}
```

Border

The CSS property to change the border of an element to Hex 0CBD09 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
#0CBD09 }
```

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

```
.border{ border-color:#0CBD09 }
```

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

Here you see how a box with a 4 pixel #0CBD09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CBD09; -webkit-box-shadow:4px 4px  
4px 4px #0CBD09; box-shadow:4px 4px 4px  
4px #0CBD09 }
```

Background

The CSS property to change the background color of an element to Hex 0CBD09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CBD09 }
```

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

```
.background{ background-color:#0CBD09 }
```

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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