

# Converting Colors

Hex(09CD68)

Have a look what the booklet for  
Hex(09CD68) contains.

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**Color**

**Hex(09CD68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09CD68
RGB	9, 205, 104
RGB Percent	4%, 80%, 41%
CMY	0.9647, 0.1961, 0.5922
CMYK	0.96, 0.00, 0.49, 0.20
HSL	149°, 92%, 42%
HSV	149°, 96%, 80%
XYZ	24.4427, 44.7202, 20.4403
YIQ	134.8820, -84.3950, -72.9630

# Conversions

## Conversions Part 2

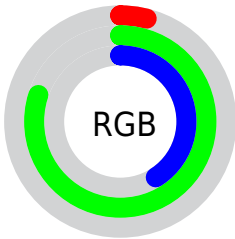
Format	Color
<b>RYB</b>	9, 141, 205
Decimal	642408
CIELab	72.71, -64.40, 38.43
CIELCh	73, 74.991, 149.176
Yxy	44.7202, 0.2728, 0.4991
Android (android.graphics.Color)	4278832488 (0xFF09CD68)
YUV	134.8820, -15.2248, -110.3985
Hunter-Lab	66.8732, -51.7849, 28.6888

# Details

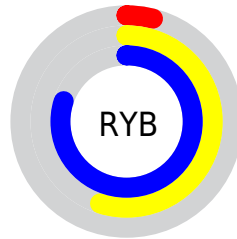
The Hex color **09CD68** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **CD096E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **68FF9D**, and **009536** is the 20% darker color. If you saturate the color by 10%, you get **00CD63**, and if you desaturate by 10%, it is **1DCD73**.

# Distribution



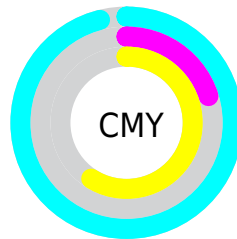
- Red (4%)
- Green (80%)
- Blue (41%)



- Red (4%)
- Yellow (55%)
- Blue (80%)



- Cyan (96%)
- Magenta (0%)
- Yellow (49%)
- Black (20%)



- Cyan (96%)
- Magenta (20%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09CD68 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 09CD68 by changing the saturation by 10% instead.



 09CD68

 09CD68

FFFFFF

 00B14F

 68FF9D

 009536

 88FFB8

 007A1D

 A7FFD4

 006000

 C6FFF1

 004600

 E5FFFF

 002F00

 001100

 000000

 09CD68

 09CD68

■ 00CD63

■ 1DCD73

■ 32CD7D

■ 46CD88

■ 5BCD92

■ 6FCD9D

■ 84CDA7

■ 98CDB2

■ ADCDBD

■ C1CDC7

# Harmonies

## Analogous

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



92C229



09CD68



00D2AE

# Triad

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



09CD68



00BBFF



FF7774

# Complementary

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



09CD68



CD096E

# 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.



FF6EB7



09CD68



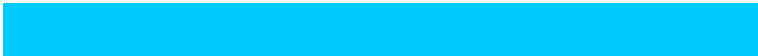
ADA1FF

# Square

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



09CD68



00CBFF



FF82FA



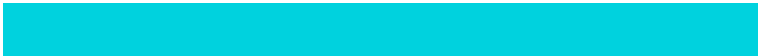
FF9338

# Rectangle

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



09CD68



00D2DE



FF82FA



FF7189

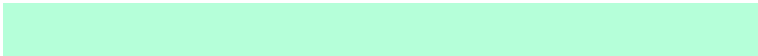


# Sweetspot

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



09CD68



B5FFD9



6ECD09



538069



000000



808080



# Same Dimension

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



09CD68



00FF7C



09CDCA



5C6661



00A650



002613



# Inverse Universe

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



CD096E



FF0083



CD090C



665C61



A60055



260014



# Previews

## White Background



This preview shows how the Hex color 09CD68 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 09CD68 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 09CD68 Background



This preview shows how black text looks on a background with the Hex color 09CD68.

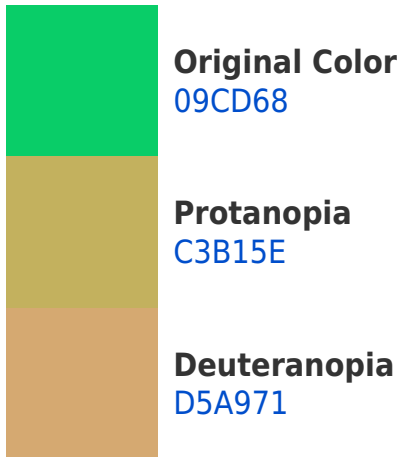


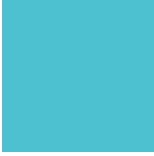
This preview shows how white text looks on a background with the Hex color 09CD68.

# 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**  
4EC1D1

# Trichromacy



**Original Color**  
09CD68



**Protanomaly**  
7FBB62



**Deuteranomaly**  
8BB66E



**Tritanomaly**  
35C5AB

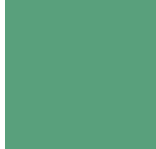
# Monochromacy



**Original Color**  
09CD68



**Achromatopsia**  
878787



**Achromatomaly**  
59A07C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09CD68 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 #09CD68 looks like.

```
.text, #text, p{  
    color:#09CD68  
}
```

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 #09CD68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09CD68
}
```

## Border

The CSS property to change the border of an element to Hex 09CD68 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
#09CD68 }
```

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

```
.border{ border-color:#09CD68 }
```

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

Here you see how a box with a 4 pixel #09CD68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09CD68; -webkit-box-shadow:4px 4px  
4px 4px #09CD68; box-shadow:4px 4px 4px  
4px #09CD68 }
```

# Background

The CSS property to change the background color of an element to Hex 09CD68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09CD68 }
```

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

```
.background{ background-color:#09CD68 }
```

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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