

# Converting Colors

Hex(0CCE5A)

Have a look what the booklet for  
Hex(0CCE5A) contains.

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# Color

Hex(0CCE5A)

# Conversions

## Conversions Part 1

Format	Color
Hex	0CCE5A
RGB	12, 206, 90
RGB Percent	5%, 81%, 35%
CMY	0.9529, 0.1922, 0.6471
CMYK	0.94, 0.00, 0.56, 0.19
HSL	144°, 89%, 43%
HSV	144°, 94%, 81%
XYZ	24.0684, 44.9590, 17.0823
YIQ	134.7700, -78.3880, -77.2040

# Conversions

## Conversions Part 2

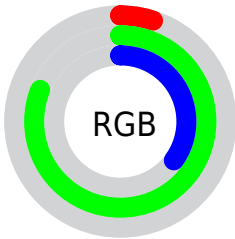
Format	Color
<a href="#">RYB</a>	<a href="#">12, 150, 206</a>
Decimal	<a href="#">839258</a>
CIELab	<a href="#">72.86, -66.71, 45.35</a>
CIELCh	<a href="#">73, 80.663, 145.793</a>
Yxy	<a href="#">44.9590, 0.2795, 0.5221</a>
Android (android.graphics.Color)	<a href="#">4279029338 (0xFF0CCE5A)</a>
YUV	<a href="#">134.7700, -22.0716, -107.6693</a>
Hunter-Lab	<a href="#">67.0514, -53.2667, 31.8311</a>

# Details

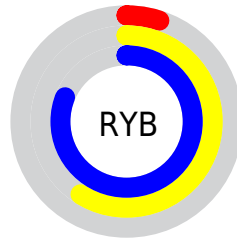
The Hex color **0CCE5A** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **CE0C80**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **69FF8F**, and **009626** is the 20% darker color. If you saturate the color by 10%, you get **00CE53**, and if you desaturate by 10%, it is **21CE66**.

# Distribution



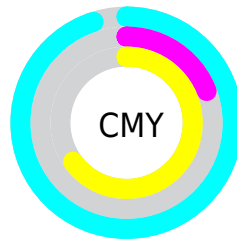
- Red (5%)
- Green (81%)
- Blue (35%)



- Red (5%)
- Yellow (59%)
- Blue (81%)



- Cyan (94%)
- Magenta (0%)
- Yellow (56%)
- Black (19%)



- Cyan (95%)
- Magenta (19%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0CCE5A 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 0CCE5A by changing the saturation by 10% instead.



 0CCE5A

 0CCE5A

FFFFFF

 00B240

 69FF8F

 009626

 89FFAA

 007B05

 A8FFC6

 006100

 C7FFE3

 004700

 E6FFFF

 002F00

 001200

 000000

 0CCE5A

 0CCE5A

 00CE53

 21CE66

 35CE73

 4ACE7F

 5ECE8B

 73CE98

 88CEA4

 9CCEB0

 B1CEBD

 C5CEC9

# Harmonies

## Analogous

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



97C105



0CCE5A



00D4A6

# Triad

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



0CCE5A



00BFFF



FF6E77

# Complementary

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



0CCE5A



CE0C80

# 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.



FF66C0



0CCE5A



9BA4FF

# Square

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



0CCE5A



00CEFF



FF80FF



FF8D34

# Rectangle

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



0CCE5A



00D5D9



FF80FF



FF678F

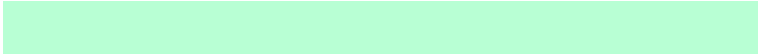


# Sweetspot

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



0CCE5A



B8FFD4



80CE0C



548066



000000



808080



# Same Dimension

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



0CCE5A



00FF67



0CCEBB



5C6660



00A643



00260F



# Inverse Universe

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



CE0C80



FF0098



CE0C1F



665C62



A60063

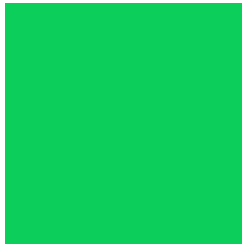


260017



# Previews

## White Background



This preview shows how the Hex color 0CCE5A looks on a white background.

## Color Contrast Check

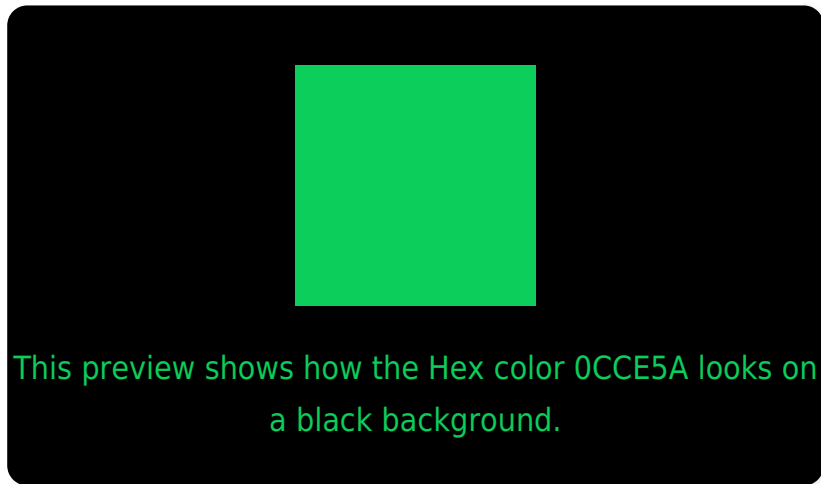
Large Text (above 18pt) WCAG AA × Fail

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 0CCE5A Background



This preview shows how black text looks on a background with the Hex color 0CCE5A.

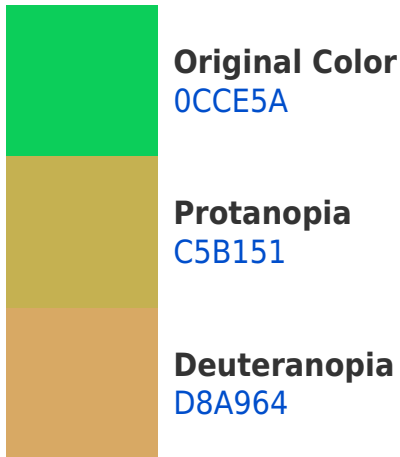


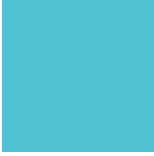
This preview shows how white text looks on a background with the Hex color 0CCE5A.

# 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**  
51C2D1

# Trichromacy



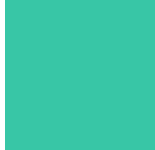
**Original Color**  
0CCE5A



**Protanomaly**  
82BC54



**Deuteranomaly**  
8EB660



**Tritanomaly**  
38C6A6

# Monochromacy



**Original Color**  
0CCE5A



**Achromatopsia**  
878787



**Achromatomaly**  
5AA177

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0CCE5A 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 #0CCE5A looks like.

```
.text, #text, p{  
    color:#0CCE5A  
}
```

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 #0CCE5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CCE5A
}
```

## Border

The CSS property to change the border of an element to Hex 0CCE5A 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
#0CCE5A }
```

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

```
.border{ border-color:#0CCE5A }
```

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

Here you see how a box with a 4 pixel #0CCE5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CCE5A; -webkit-box-shadow:4px 4px  
4px 4px #0CCE5A; box-shadow:4px 4px 4px  
4px #0CCE5A }
```

# Background

The CSS property to change the background color of an element to Hex 0CCE5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CCE5A }
```

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

```
.background{ background-color:#0CCE5A }
```

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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