

# Converting Colors

Hex(04CA15)

Have a look what the booklet for  
Hex(04CA15) contains.

<b>Hex(04CA15)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(04CA15)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04CA15
RGB	4, 202, 21
RGB Percent	2%, 79%, 8%
CMY	0.9843, 0.2078, 0.9176
CMYK	0.98, 0.00, 0.90, 0.21
HSL	125°, 96%, 40%
HSV	125°, 98%, 79%
XYZ	21.3060, 42.3210, 7.7553
YIQ	122.1640, -59.9070, -98.2670

# Conversions

## Conversions Part 2

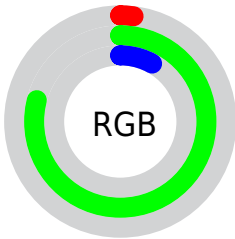
Format	Color
<a href="#">RYB</a>	<a href="#">4, 186, 202</a>
Decimal	<a href="#">313877</a>
CIELab	<a href="#">71.09, -71.66, 67.25</a>
CIELCh	<a href="#">71, 98.279, 136.818</a>
Yxy	<a href="#">42.3210, 0.2985, 0.5929</a>
Android (android.graphics.Color)	<a href="#">4278503957 (0xFF04CA15)</a>
YUV	<a href="#">122.1640, -49.8739, -103.6298</a>
Hunter-Lab	<a href="#">65.0546, -55.3852, 38.4701</a>

# Details

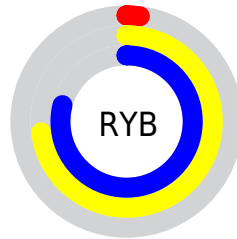
The Hex color **04CA15** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **CA04B9**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **69FF58**, and **009200** is the 20% darker color. If you saturate the color by 10%, you get **00CA11**, and if you desaturate by 10%, it is **18CA27**.

# Distribution



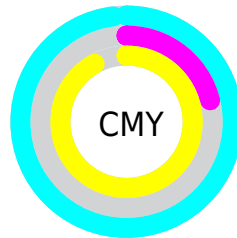
- Red (2%)
- Green (79%)
- Blue (8%)



- Red (2%)
- Yellow (73%)
- Blue (79%)



- Cyan (98%)
- Magenta (0%)
- Yellow (90%)
- Black (21%)



- Cyan (98%)
- Magenta (21%)
- Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04CA15 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 04CA15 by changing the saturation by 10% instead.



 04CA15

 04CA15

FFFFFF

 00AE00

 69FF58

 009200

 8AFF74

 007700

 AAFF91

 005D00

 C9FFAD

 004300

 E8FFCA

 002B00

 FFFFE7

 000700

 000000

 04CA15

 04CA15

 00CA11

 18CA27

 2CCA3A

 41CA4C

 55CA5F

 69CA71

 7DCA84

 91CA96

 A6CAA9

 BACABB

# Harmonies

## Analogous

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



A3B900



04CA15



00D282

# Triad

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



04CA15



00C4FF



FF3A80

# Complementary

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



04CA15



CA04B9

# 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.



FF41D9



04CA15



00A8FF

# Square

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



04CA15



00D1FF



EE7AFF



FF6F27

# Rectangle

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



04CA15



00D4C1



EE7AFF



FF309E

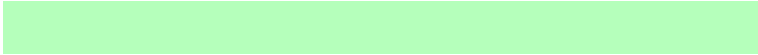


# Sweetspot

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



04CA15



B5FFBB



BACA04



538057



000000



808080



# Same Dimension

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



04CA15



00FF16



04CA78



5C665D



00A60E



002603



# Inverse Universe

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



CA04B9



FF00E9



CA0456



665C65



A60098

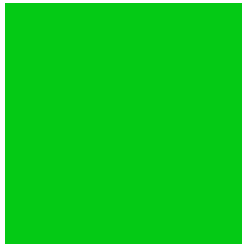


260023



# Previews

## White Background



This preview shows how the Hex color 04CA15 looks on a white background.

## Color Contrast Check

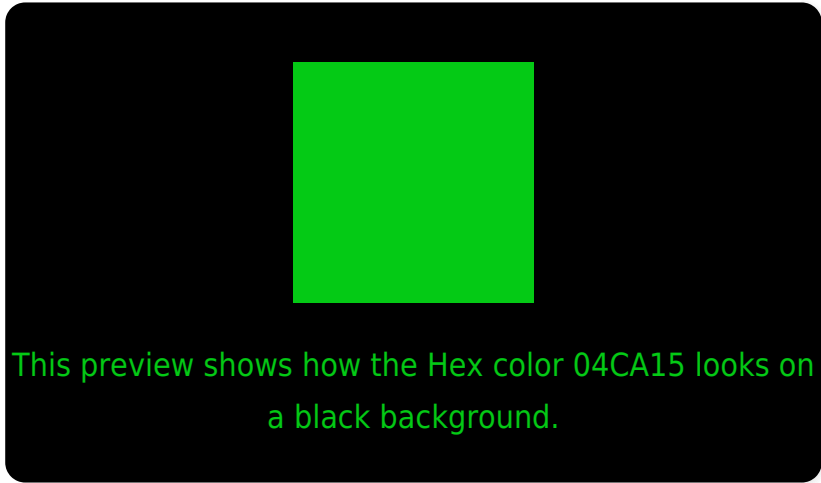
Large Text (above 18pt) WCAG AA × Fail

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 04CA15 Background



This preview shows how black text looks on a background with the Hex color 04CA15.

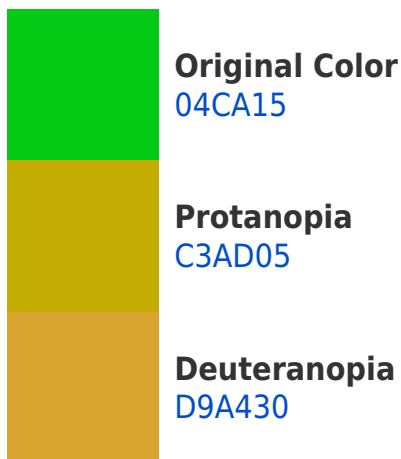


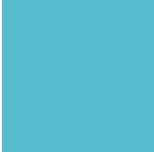
This preview shows how white text looks on a background with the Hex color 04CA15.

# 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](#).

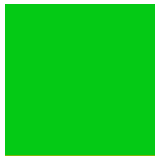
## Dichromacy





**Tritanopia**  
55BCCB

# Trichromacy



**Original Color**  
04CA15



**Protanomaly**  
7EB80B

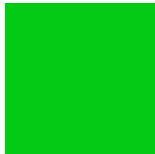


**Deuteranomaly**  
8CB226



**Tritanomaly**  
38C189

# Monochromacy



**Original Color**  
04CA15



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
4F9755

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04CA15 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 #04CA15 looks like.

```
.text, #text, p{  
    color:#04CA15  
}
```

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 #04CA15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04CA15
}
```

## Border

The CSS property to change the border of an element to Hex 04CA15 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
#04CA15 }
```

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

```
.border{ border-color:#04CA15 }
```

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

Here you see how a box with a 4 pixel #04CA15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04CA15; -webkit-box-shadow:4px 4px  
4px 4px #04CA15; box-shadow:4px 4px 4px  
4px #04CA15 }
```

# Background

The CSS property to change the background color of an element to Hex 04CA15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04CA15 }
```

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

```
.background{ background-color:#04CA15 }
```

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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