

# Converting Colors

Hex(15C903)

Have a look what the booklet for  
Hex(15C903) contains.

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**Color**

**Hex(15C903)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15C903
RGB	21, 201, 3
RGB Percent	8%, 79%, 1%
CMY	0.9176, 0.2118, 0.9882
CMYK	0.90, 0.00, 0.99, 0.21
HSL	115°, 97%, 40%
HSV	115°, 99%, 79%
XYZ	21.2123, 41.9393, 7.0632
YIQ	124.6080, -43.7220, -99.7380

# Conversions

## Conversions Part 2

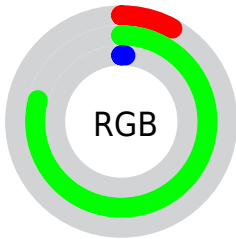
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 201, 183
Decimal	1427715
CIELab	70.83, -70.98, 69.34
CIELCh	71, 99.228, 135.666
Yxy	41.9393, 0.3021, 0.5973
Android (android.graphics.Color)	4279617795 (0xFF15C903)
YUV	124.6080, -59.9527, -90.8642
Hunter-Lab	64.7606, -54.8632, 38.8658

# Details

The Hex color **15C903** 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 **B703C9**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6DFF52**, and **009100** is the 20% darker color. If you saturate the color by 10%, you get **12C900**, and if you desaturate by 10%, it is **27C917**.

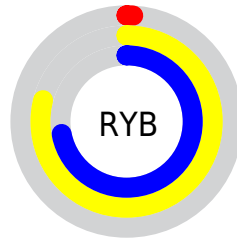
# Distribution



Red (8%)

Green (79%)

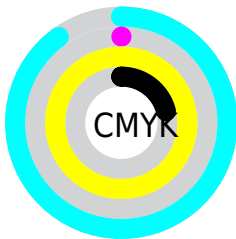
Blue (1%)



Red (1%)

Yellow (79%)

Blue (72%)

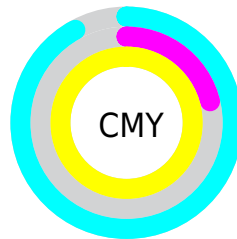


Cyan (90%)

Magenta (0%)

Yellow (99%)

Black (21%)



Cyan (92%)

Magenta (21%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15C903 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 15C903 by changing the saturation by 10% instead.



 15C903

 15C903

FFFFFF

 00AD00

 6DFF52

 009100

 8DFF6E

 007600

 ADF8B

 005C00

 CCFFA8

 004300

 EBFFC4

 002A00

 FFFFE2

 000600

 000000

 15C903

 15C903

 12C900

 27C917

 3AC92B

 4CC93F

 5EC953

 70C968

 83C97C

 95C990

 A7C9A4

 B9C9B8

# Harmonies

## Analogous

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



A5B800



15C903



00D17D

# Triad

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



15C903



00C5FF



FF3383

# Complementary

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



15C903



B703C9

# 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.



FF3FDD



15C903



00A9FF

# Square

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



15C903



00D1FF



E97AFF



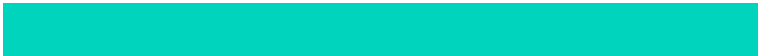
FF6B28

# Rectangle

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



15C903



00D4BD



E97AFF



FF29A0

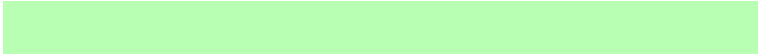


# Sweetspot

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



15C903



B9FFB3



C9B503



568052



000000



808080



# Same Dimension

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



15C903



17FF00



03C952



5A635A



0FA300



032400



# Inverse Universe

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



B703C9



E800FF



C9037A



635A63



9400A3

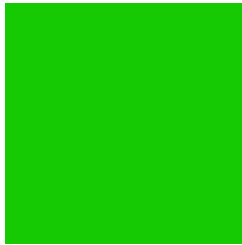


200024



# Previews

## White Background



This preview shows how the Hex color 15C903 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 15C903 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 15C903 Background



This preview shows how black text looks on a background with the Hex color 15C903.

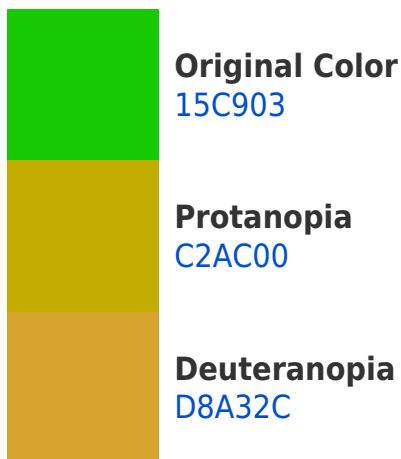


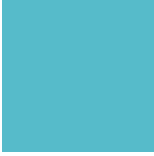
This preview shows how white text looks on a background with the Hex color 15C903.

# 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](#).

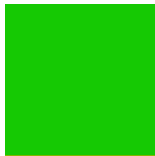
## Dichromacy





**Tritanopia**  
56BBCA

# Trichromacy



**Original Color**  
15C903



**Protanomaly**  
83B701



**Deuteranomaly**  
91B11D



**Tritanomaly**  
3EC082

# Monochromacy



**Original Color**  
15C903



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
579951

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15C903 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 #15C903 looks like.

```
.text, #text, p{  
    color:#15C903  
}
```

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 #15C903 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15C903
}
```

## Border

The CSS property to change the border of an element to Hex 15C903 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
#15C903 }
```

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

```
.border{ border-color:#15C903 }
```

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

Here you see how a box with a 4 pixel #15C903 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15C903; -webkit-box-shadow:4px 4px  
4px 4px #15C903; box-shadow:4px 4px 4px  
4px #15C903 }
```

# Background

The CSS property to change the background color of an element to Hex 15C903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15C903 }
```

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

```
.background{ background-color:#15C903 }
```

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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