

Converting Colors

Hex(1DC903)

Have a look what the booklet for
Hex(1DC903) contains.

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Color

Hex(1DC903)

Conversions

Conversions Part 1

Format	Color
Hex	1DC903
RGB	29, 201, 3
RGB Percent	11%, 79%, 1%
CMY	0.8863, 0.2118, 0.9882
CMYK	0.86, 0.00, 0.99, 0.21
HSL	112°, 97%, 40%
HSV	112°, 99%, 79%
XYZ	21.4098, 42.0411, 7.0725
YIQ	127.0000, -38.9540, -98.0420

Conversions

Conversions Part 2

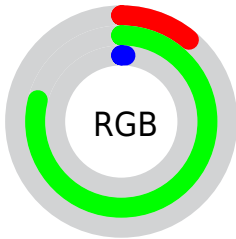
Format	Color
RYB	3, 201, 175
Decimal	1952003
CIELab	70.90, -70.34, 69.43
CIELCh	71, 98.835, 135.373
Yxy	42.0411, 0.3036, 0.5961
Android (android.graphics.Color)	4280142083 (0xFF1DC903)
YUV	127.0000, -61.1320, -85.9460
Hunter-Lab	64.8391, -54.5280, 38.9202

Details

The Hex color **1DC903** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **AF03C9**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **70FF52**, and **009100** is the 20% darker color. If you saturate the color by 10%, you get **1AC900**, and if you desaturate by 10%, it is **2EC917**.

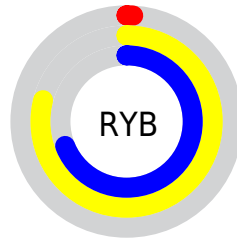
Distribution



Red (11%)

Green (79%)

Blue (1%)



Red (1%)

Yellow (79%)

Blue (69%)

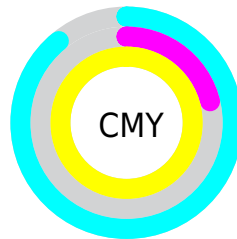


Cyan (86%)

Magenta (0%)

Yellow (99%)

Black (21%)



Cyan (89%)

Magenta (21%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DC903 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 1DC903 by changing the saturation by 10% instead.

 1DC903

 1DC903

FFFFFF

 00AD00

 70FF52

 009100

 90FF6F

 007600

 AFFF8B

 005C00

 CEFFA8

 004300

 EDFFC4

 002A00

 FFFFE2

 000600

 000000

 1DC903

 1DC903

 1AC900

 2EC917

 40C92B

 51C93F

 63C953

 74C968

 86C97C

 97C990

 A9C9A4

 BAC9B8

Harmonies

Analogous

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



A7B800



1DC903



00D17D

Triad

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



1DC903



00C5FF



FF3584

Complementary

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



1DC903



AF03C9

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.



FF41DD



1DC903



00A9FF

Square

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



1DC903



00D1FF



E87BFF



FF6B2A

Rectangle

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



1DC903



00D4BC



E87BFF



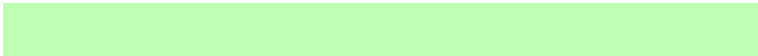
FF2CA1

Sweetspot

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



1DC903



BDFFB3



C9AF03



588052



000000



808080

Same Dimension

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



1DC903



21FF00



03C94C



5B635A



15A300



052400

Inverse Universe

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



AF03C9



DE00FF



C90380



625A63



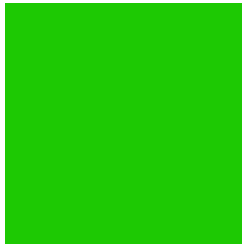
8E00A3



1F0024

Previews

White Background



This preview shows how the Hex color 1DC903 looks on a white background.

Color Contrast Check

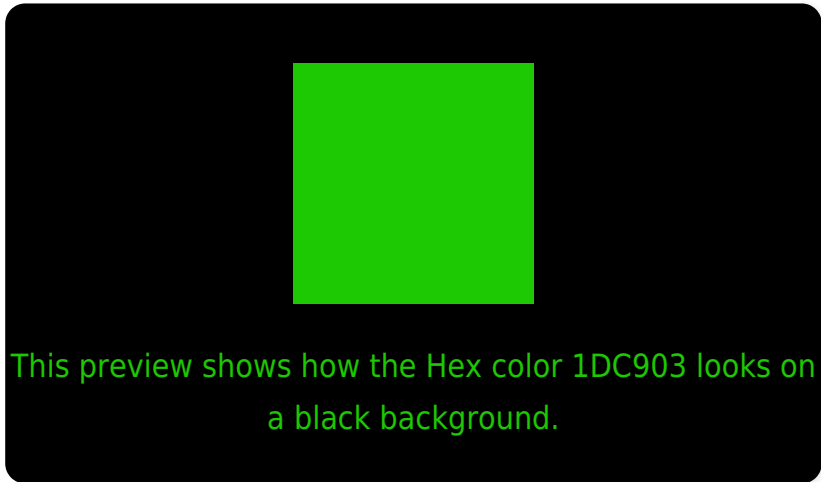
Large Text (above 18pt) WCAG AA × Fail

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 1DC903 Background



This preview shows how black text looks on a background with the Hex color 1DC903.

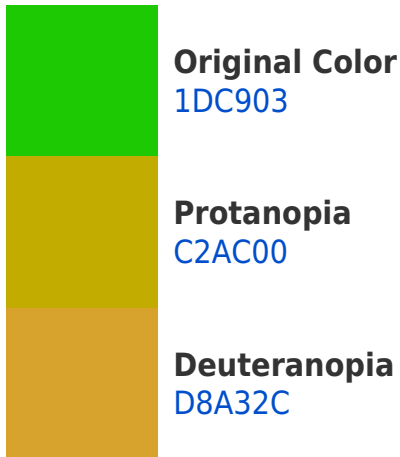


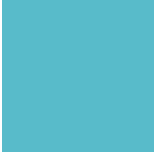
This preview shows how white text looks on a background with the Hex color 1DC903.

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](#).

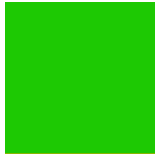
Dichromacy





Tritanopia
58BBCA

Trichromacy



Original Color
1DC903



Protanomaly
86B701



Deuteranomaly
94B11D



Tritanomaly
43C082

Monochromacy



Original Color
1DC903



Achromatopsia
7F7F7F



Achromatomaly
5B9A52

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DC903 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 #1DC903 looks like.

```
.text, #text, p{  
    color:#1DC903  
}
```

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 #1DC903 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DC903
}
```

Border

The CSS property to change the border of an element to Hex 1DC903 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
#1DC903 }
```

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

```
.border{ border-color:#1DC903 }
```

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

Here you see how a box with a 4 pixel #1DC903 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DC903; -webkit-box-shadow:4px 4px  
4px 4px #1DC903; box-shadow:4px 4px 4px  
4px #1DC903 }
```

Background

The CSS property to change the background color of an element to Hex 1DC903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DC903 }
```

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

```
.background{ background-color:#1DC903 }
```

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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