

Converting Colors

Hex(3DC919)

Have a look what the booklet for
Hex(3DC919) contains.

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Color

Hex(3DC919)

Conversions

Conversions Part 1

Format	Color
Hex	3DC919
RGB	61, 201, 25
RGB Percent	24%, 79%, 10%
CMY	0.7608, 0.2118, 0.9020
CMYK	0.70, 0.00, 0.88, 0.21
HSL	108°, 78%, 44%
HSV	108°, 88%, 79%
XYZ	22.9866, 42.8356, 7.9763
YIQ	139.0760, -26.9440, -84.4160

Conversions

Conversions Part 2

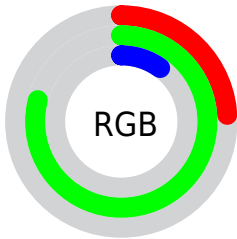
Format	Color
RYB	25, 201, 165
Decimal	4049177
CIELab	71.44, -65.39, 67.08
CIELCh	71, 93.680, 134.271
Yxy	42.8356, 0.3115, 0.5804
Android (android.graphics.Color)	4282239257 (0xFF3DC919)
YUV	139.0760, -56.2395, -68.4727
Hunter-Lab	65.4489, -51.8438, 38.5885

Details

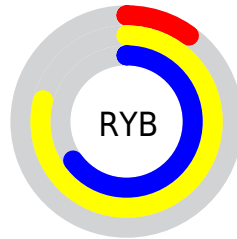
The Hex color **3DC919** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **A519C9**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **80FF5A**, and **009100** is the 20% darker color. If you saturate the color by 10%, you get **2DC905**, and if you desaturate by 10%, it is **4DC92D**.

Distribution



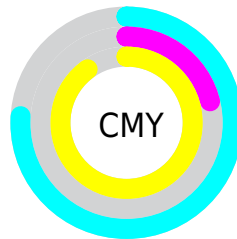
- Red (24%)
- Green (79%)
- Blue (10%)



- Red (10%)
- Yellow (79%)
- Blue (65%)



- Cyan (70%)
- Magenta (0%)
- Yellow (88%)
- Black (21%)



- Cyan (76%)
- Magenta (21%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DC919 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 3DC919 by changing the saturation by 10% instead.

 3DC919

 3DC919

FFFFFF

 00AD00

 80FF5A

 009100

 9FFF76

 007700

 BEFF92

 005D00

 DCFFAF

 004300

 FBFFCC

 002C00

 FFFF E9

 000A00

 000000

 3DC919

 3DC919

 2DC905

 4DC92D

 29C900

 5DC941

 6DC955

 7DC969

 8DC97E

 9DC992

 ADC9A6

 BDC9BA

 CDC9CE

Harmonies

Analogous

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



ADB800



3DC919



00D17D

Triad

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



3DC919



00C6FF



FF468A

Complementary

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



3DC919



A519C9

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.



FF52E0



3DC919



00ACFF

Square

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



3DC919



00D2FF



E482FF



FF7038

Rectangle

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



3DC919



00D4B9



E482FF



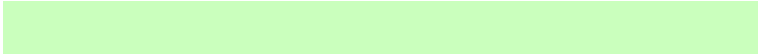
FF42A7

Sweetspot

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



3DC919



CAFFBD



C9A319



608058



000000



808080

Same Dimension

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



3DC919



34FF00



19C94B



5C635A



21A300



072400

Inverse Universe

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



A519C9



CB00FF



C91997



615A63



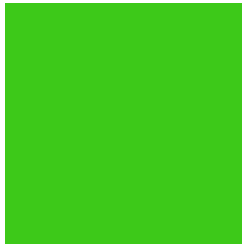
8200A3



1C0024

Previews

White Background



This preview shows how the Hex color 3DC919 looks on a white background.

Color Contrast Check

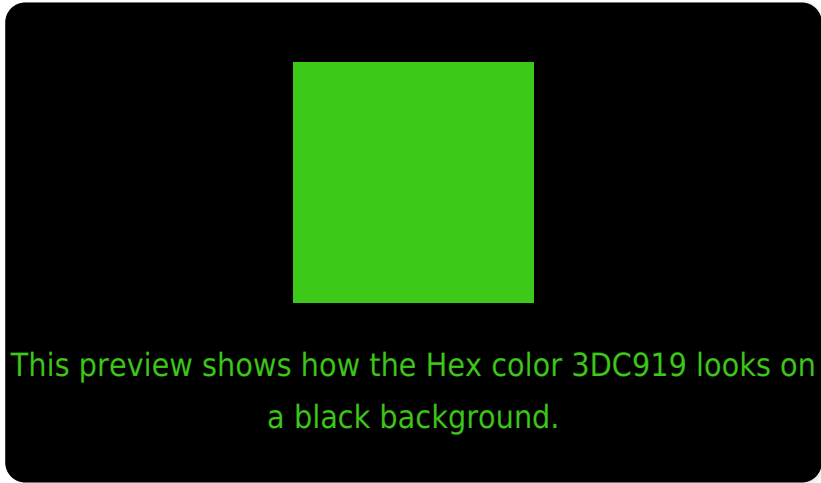
Large Text (above 18pt) WCAG AA × Fail

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

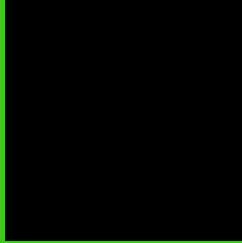
Any Text WCAG AA ✓ Pass

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 3DC919 Background



This preview shows how black text looks on a background with the Hex color 3DC919.



This preview shows how white text looks on a background with the Hex color 3DC919.

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](#).

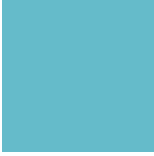
Dichromacy



Original Color
3DC919

Protanopia
C4AE0F

Deuteranopia
DAA531



Tritanopia
65BBCA

Trichromacy



Original Color
3DC919



Protanomaly
93B813



Deuteranomaly
A1B228



Tritanomaly
56C08A

Monochromacy



Original Color
3DC919



Achromatopsia
8B8B8B



Achromatomaly
6FA262

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DC919 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 #3DC919 looks like.

```
.text, #text, p{  
    color:#3DC919  
}
```

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 #3DC919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DC919
}
```

Border

The CSS property to change the border of an element to Hex 3DC919 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
#3DC919 }
```

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

```
.border{ border-color:#3DC919 }
```

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

Here you see how a box with a 4 pixel #3DC919 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DC919; -webkit-box-shadow:4px 4px  
4px 4px #3DC919; box-shadow:4px 4px 4px  
4px #3DC919 }
```

Background

The CSS property to change the background color of an element to Hex 3DC919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DC919 }
```

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

```
.background{ background-color:#3DC919 }
```

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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