

Converting Colors

Hex(30D919)

Have a look what the booklet for
Hex(30D919) contains.

Hex(30D919)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(30D919)

Conversions

Conversions Part 1

Format	Color
Hex	30D919
RGB	48, 217, 25
RGB Percent	19%, 85%, 10%
CMY	0.8118, 0.1490, 0.9020
CMYK	0.78, 0.00, 0.88, 0.15
HSL	113°, 79%, 47%
HSV	113°, 88%, 85%
XYZ	26.2072, 50.3243, 9.2520
YIQ	144.5810, -39.0920, -95.5400

Conversions

Conversions Part 2

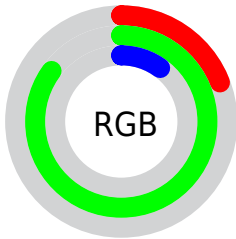
Format	Color
RYB	25, 217, 194
Decimal	3201305
CIELab	76.27, -72.27, 71.16
CIElCh	76, 101.421, 135.446
Yxy	50.3243, 0.3055, 0.5866
Android (android.graphics.Color)	4281391385 (0xFF30D919)
YUV	144.5810, -58.9534, -84.7015
Hunter-Lab	70.9396, -58.2010, 41.9251

Details

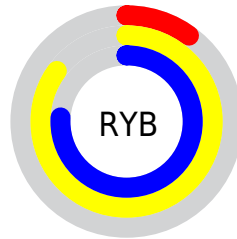
The Hex color **30D919** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **C219D9**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7CFF5D**, and **00A000** is the 20% darker color. If you saturate the color by 10%, you get **1DD903**, and if you desaturate by 10%, it is **43D92F**.

Distribution



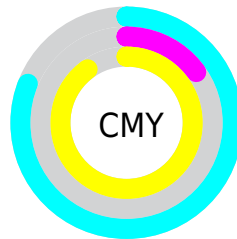
- Red (19%)
- Green (85%)
- Blue (10%)



- Red (10%)
- Yellow (85%)
- Blue (76%)



- Cyan (78%)
- Magenta (0%)
- Yellow (88%)
- Black (15%)



- Cyan (81%)
- Magenta (15%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30D919 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 30D919 by changing the saturation by 10% instead.

 30D919

 30D919

FFFFFF

 00BC00

 7CFF5D

 00A000

 9CFF79

 008500

 BBFF96

 006A00

 DBFFB3

 005000

 FAFFD0

 003900

 FFFFEE

 001E00

 000000

 30D919

 30D919

 1DD903

 43D92F

 1AD900

 56D944

 69D95A

 7CD970

 90D986

 A3D99B

 B6D9B1

 C9D9C7

 DCD9DC

Harmonies

Analogous

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



B6C700



30D919



00E289

Triad

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



30D919



00D4FF



FF4690

Complementary

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



30D919



C219D9

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.



FF50EE



30D919



00B7FF

Square

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



30D919



00E2FF



FA88FF



FF7835

Rectangle

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



30D919



00E4CB



FA88FF



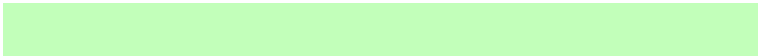
FF3FAF

Sweetspot

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



30D919



C2FFBA



D9BF19



5C8057



000000



808080

Same Dimension

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



30D919



1FFF00



19D95F



646E63



15AD00



052E00

Inverse Universe

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



C219D9



E000FF



D91993



6C636E



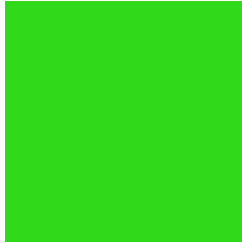
9900AD



28002E

Previews

White Background



This preview shows how the Hex color 30D919 looks on a white background.

Color Contrast Check

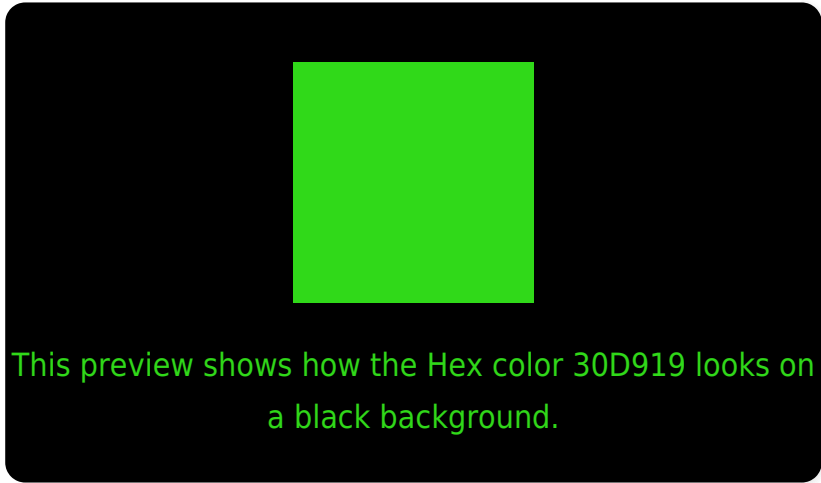
Large Text (above 18pt) WCAG AA × Fail

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 30D919 Background



This preview shows how black text looks on a background with the Hex color 30D919.

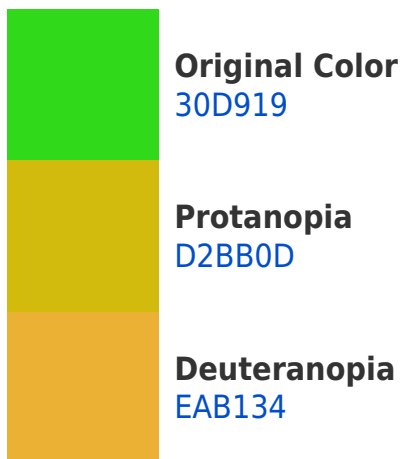


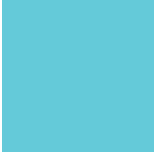
This preview shows how white text looks on a background with the Hex color 30D919.

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





Trichromacy



Original Color
30D919



Protanomaly
97C611



Deuteranomaly
A6C02A



Tritanomaly
51CF94

Monochromacy



Original Color
30D919



Achromatopsia
919191



Achromatomaly
6EAB65

CSS Examples

Text

The CSS property to change the color of the text to Hex 30D919 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 #30D919 looks like.

```
.text, #text, p{  
    color:#30D919  
}
```

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 #30D919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30D919
}
```

Border

The CSS property to change the border of an element to Hex 30D919 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
#30D919 }
```

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

```
.border{ border-color:#30D919 }
```

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

Here you see how a box with a 4 pixel #30D919 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30D919; -webkit-box-shadow:4px 4px  
4px 4px #30D919; box-shadow:4px 4px 4px  
4px #30D919 }
```

Background

The CSS property to change the background color of an element to Hex 30D919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30D919 }
```

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

```
.background{ background-color:#30D919 }
```

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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