

Converting Colors

Hex(29CC00)

Have a look what the booklet for
Hex(29CC00) contains.

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Color

Hex(29CC00)

Conversions

Conversions Part 1

Format	Color
Hex	29CC00
RGB	41, 204, 0
RGB Percent	16%, 80%, 0%
CMY	0.8392, 0.2000, 1.0000
CMYK	0.80, 0.00, 1.00, 0.20
HSL	108°, 100%, 40%
HSV	108°, 100%, 80%
XYZ	22.5073, 43.6571, 7.2404
YIQ	132.0070, -31.6640, -98.0000

Conversions

Conversions Part 2

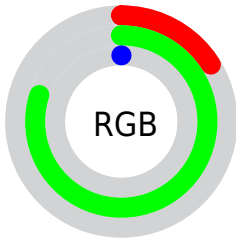
Format	Color
RYB	0, 204, 163
Decimal	2739200
CIELab	72.00, -69.97, 70.69
CIELCh	72, 99.465, 134.704
Yxy	43.6571, 0.3066, 0.5947
Android (android.graphics.Color)	4280929280 (0xFF29CC00)
YUV	132.0070, -65.0795, -79.8131
Hunter-Lab	66.0736, -54.8244, 39.7544

Details

The Hex color **29CC00** 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 **A300CC**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **76FF51**, and **009400** is the 20% darker color. If you saturate the color by 10%, you get **29CC00**, and if you desaturate by 10%, it is **39CC14**.

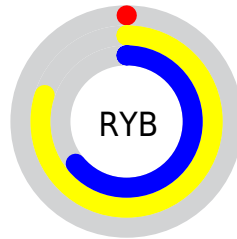
Distribution



Red (16%)

Green (80%)

Blue (0%)



Red (0%)

Yellow (80%)

Blue (64%)

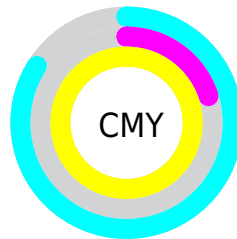


Cyan (80%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (84%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29CC00 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 29CC00 by changing the saturation by 10% instead.

 29CC00

 29CC00

FFFFFF

 00B000

 76FF51

 009400

 96FF6F

 007900

 B5FF8B

 005F00

 D4FFA8

 004500

 F3FFC5

 002D00

 FFFFE2

 000D00

 000000

 29CC00

 39CC14

 4ACC29

 5ACC3D

 6ACC52

 7BCC66

 8BCC7A

 9BCC8F

 ABCCA3

 BCCCB8

Harmonies

Analogous

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



ACBA00



29CC00



00D57D

Triad

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



29CC00



00C8FF



FF3788

Complementary

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



29CC00



A300CC

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.



FF45E3



29CC00



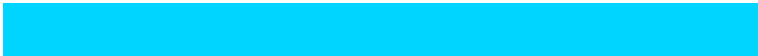
00ADFF

Square

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



29CC00



00D5FF



E97FFF



FF6C2F

Rectangle

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



29CC00



00D7BD



E97FFF



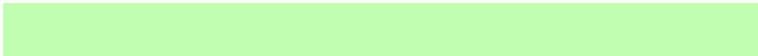
FF2FA6

Sweetspot

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



29CC00



C2FFB3



CCA000



5B8052



000000



808080

Same Dimension

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



29CC00



33FF00



00CC3A



5E665C



21A600



082600

Inverse Universe

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



A300CC



CC00FF



CC0092



645C66



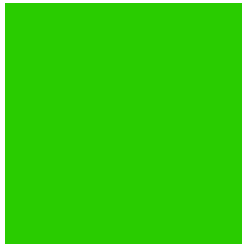
8400A6



1F0026

Previews

White Background



This preview shows how the Hex color 29CC00 looks on a white background.

Color Contrast Check

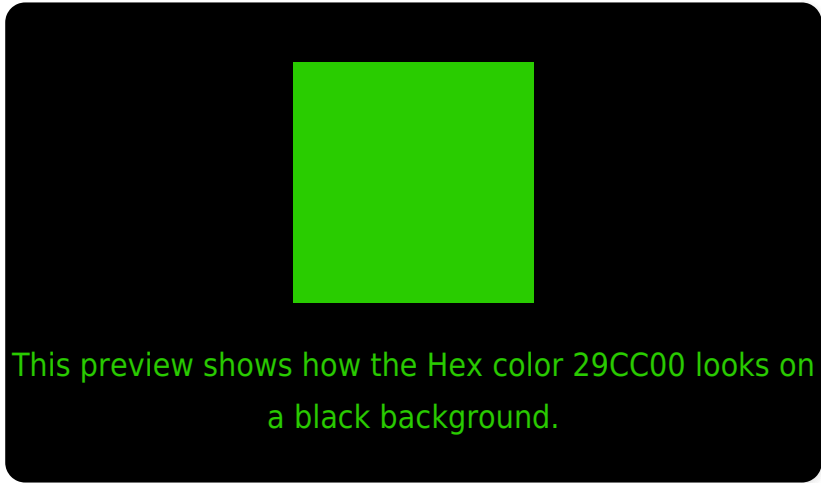
Large Text (above 18pt) WCAG AA × Fail

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

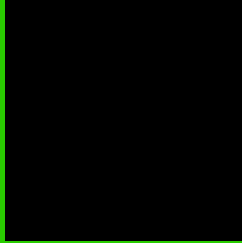
Any Text WCAG AA ✓ Pass

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 29CC00 Background



This preview shows how black text looks on a background with the Hex color 29CC00.

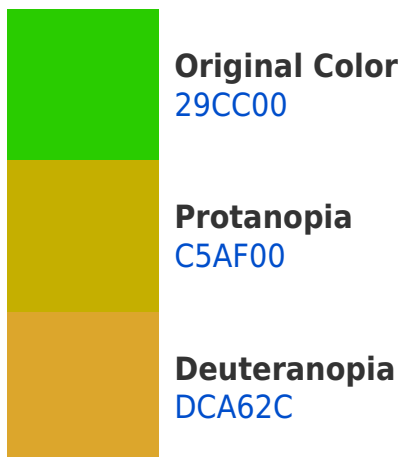


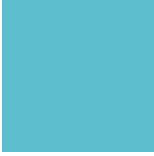
This preview shows how white text looks on a background with the Hex color 29CC00.

Color Blindness Simulation

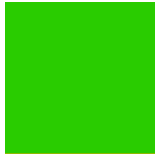
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
29CC00



Protanomaly
8CBA00



Deuteranomaly
9BB41C



Tritanomaly
4AC382

Monochromacy



Original Color
29CC00



Achromatopsia
848484



Achromatomaly
639E54

CSS Examples

Text

The CSS property to change the color of the text to Hex 29CC00 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 #29CC00 looks like.

```
.text, #text, p{  
    color:#29CC00  
}
```

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 #29CC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29CC00
}
```

Border

The CSS property to change the border of an element to Hex 29CC00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

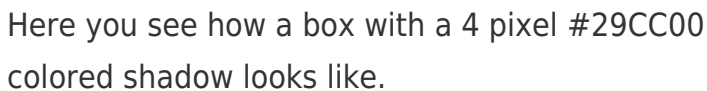
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29CC00 }
```

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

```
.border{ border-color:#29CC00 }
```

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



Here you see how a box with a 4 pixel #29CC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29CC00; -webkit-box-shadow:4px 4px  
4px 4px #29CC00; box-shadow:4px 4px 4px  
4px #29CC00 }
```

Background

The CSS property to change the background color of an element to Hex 29CC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29CC00 }
```

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

```
.background{ background-color:#29CC00 }
```

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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