

Converting Colors

Hex(29B51C)

Have a look what the booklet for
Hex(29B51C) contains.

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Color

Hex(29B51C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 29B51C |
| RGB | 41, 181, 28 |
| RGB Percent | 16%, 71%, 11% |
| CMY | 0.8392, 0.2902, 0.8902 |
| CMYK | 0.77, 0.00, 0.85, 0.29 |
| HSL | 115°, 73%, 41% |
| HSV | 115°, 85%, 71% |
| XYZ | 17.6479, 33.6030, 6.6545 |
| YIQ | 121.6980, -34.3270, -77.2630 |

Conversions

Conversions Part 2

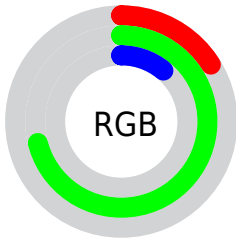
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 28, 181, 168 |
| Decimal | 2733340 |
| CIELab | 64.65, -62.37, 60.27 |
| CIELCh | 65, 86.726, 135.981 |
| Yxy | 33.6030, 0.3048, 0.5803 |
| Android (android.graphics.Color) | 4280923420 (0xFF29B51C) |
| YUV | 121.6980, -46.1931, -70.7721 |
| Hunter-Lab | 57.9681, -47.1013, 33.7714 |

Details

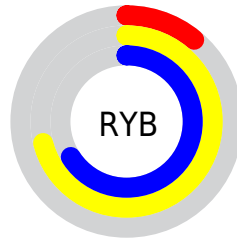
The Hex color **29B51C** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **A81CB5**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6FEE58**, and **007F00** is the 20% darker color. If you saturate the color by 10%, you get **18B50A**, and if you desaturate by 10%, it is **3AB52E**.

Distribution



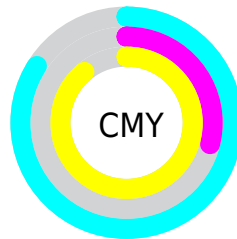
- Red (16%)
- Green (71%)
- Blue (11%)



- Red (11%)
- Yellow (71%)
- Blue (66%)



- Cyan (77%)
- Magenta (0%)
- Yellow (85%)
- Black (29%)



- Cyan (84%)
- Magenta (29%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29B51C 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 29B51C by changing the saturation by 10% instead.

 29B51C

 29B51C

FFFFFF

 009900

 6FEE58

 007F00

 8EFF73

 006400

 ACFF8F

 004B00

 CAFFAB

 003400

 E9FFC8

 001900

 FFFF E5

 000000

 29B51C

 29B51C

 18B50A

 3AB52E

■ 0FB500

■ 4AB540

■ 5BB552

■ 6BB564

■ 7CB577

■ 8CB589

■ 9DB59B

■ ADB5AD

■ BEB5BF

Harmonies

Analogous

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



97A600



29B51C



00BC74

Triad

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



29B51C



00B0FF



FF3F77

Complementary

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



29B51C



A81CB5

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.



FF46C5



29B51C



0098FF

Square

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



29B51C



00BCFF



D272FF



FF662C

Rectangle

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



29B51C



00BEAB



D272FF



FF3991

Sweetspot

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



29B51C



B5EBB0



B5A61C



557552



F5F5F5



757575

Same Dimension

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



29B51C



14EB00



1CB559



515950



0D9900



021A00

Inverse Universe

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



A81CB5



D700EB



B51C78



585059



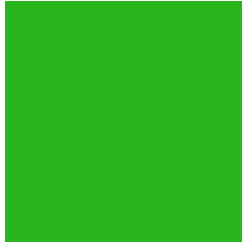
8C0099



17001A

Previews

White Background



This preview shows how the Hex color 29B51C looks on a white background.

Color Contrast Check

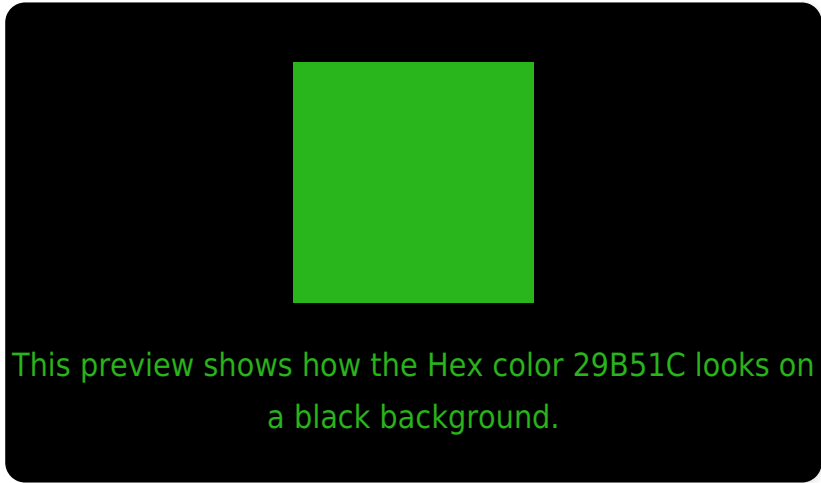
Large Text (above 18pt) WCAG AA × Fail

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 29B51C Background



This preview shows how black text looks on a background with the Hex color 29B51C.



This preview shows how white text looks on a background with the Hex color 29B51C.

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](#).

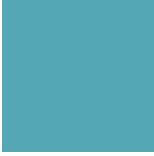
Dichromacy



Original Color
29B51C

Protanopia
AF9C15

Deuteranopia
C3942F



Tritanopia
54A8B6

Trichromacy



Original Color
29B51C



Protanomaly
7EA518



Deuteranomaly
8BA028



Tritanomaly
44AD7E

Monochromacy



Original Color
29B51C



Achromatopsia
7A7A7A



Achromatomaly
5D8F58

CSS Examples

Text

The CSS property to change the color of the text to Hex 29B51C 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 #29B51C looks like.

```
.text, #text, p{  
    color:#29B51C  
}
```

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 #29B51C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29B51C
}
```

Border

The CSS property to change the border of an element to Hex 29B51C 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
#29B51C }
```

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

```
.border{ border-color:#29B51C }
```

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

Here you see how a box with a 4 pixel #29B51C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29B51C; -webkit-box-shadow:4px 4px  
4px 4px #29B51C; box-shadow:4px 4px 4px  
4px #29B51C }
```

Background

The CSS property to change the background color of an element to Hex 29B51C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29B51C }
```

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

```
.background{ background-color:#29B51C }
```

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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