

# Converting Colors

Hex(2B821C)

Have a look what the booklet for  
Hex(2B821C) contains.

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# Color

Hex(2B821C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2B821C
RGB	43, 130, 28
RGB Percent	17%, 51%, 11%
CMY	0.8314, 0.4902, 0.8902
CMYK	0.67, 0.00, 0.78, 0.49
HSL	111°, 65%, 31%
HSV	111°, 78%, 51%
XYZ	9.1885, 16.5627, 3.8112
YIQ	92.3590, -19.1100, -50.1660

# Conversions

## Conversions Part 2

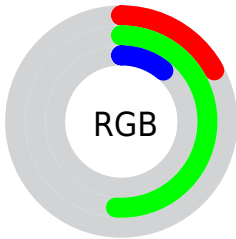
Format	Color
R <sub>Y</sub> B	28, 130, 115
Decimal	2851356
CIE Lab	47.70, -45.11, 44.41
CIE LCh	48, 63.304, 135.447
Yxy	16.5627, 0.3108, 0.5603
Android (android.graphics.Color)	4281041436 (0xFF2B821C)
YUV	92.3590, -31.7290, -43.2878
Hunter-Lab	40.6973, -30.9191, 22.9357

# Details


The Hex color **2B821C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **731C82**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **65B850**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **20820F**, and if you desaturate by 10%, it is **368229**.

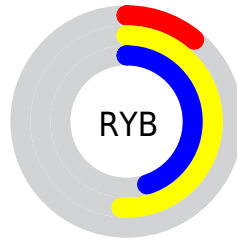
# Distribution



 Red (17%)

 Green (51%)

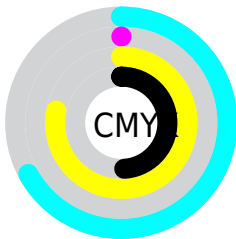
 Blue (11%)




 Red (11%)

 Yellow (51%)

 Blue (45%)

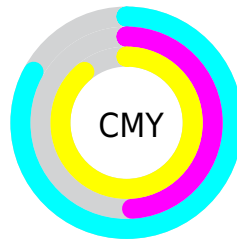



 Cyan (67%)


 Magenta (0%)

 Yellow (78%)

 Black (49%)



 Cyan (83%)

 Magenta (49%)

 Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B821C 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 2B821C by changing the saturation by 10% instead.





2B821C



2B821C

FFFFFF



006800



65B850



004F00



81D46A



003700



9DF184



002200



B9FF9F



000000



D6FFBB



F4FFD7



FFFFFF4



2B821C



2B821C

■ 20820F

■ 368229

■ 158202

■ 418236

■ 138200

■ 4C8243

■ 578250

■ 62825D

■ 6E826A

■ 798277

■ 848284

■ 8F8291

# Harmonies

## Analogous

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



6F7700



2B821C



008754

# Triad

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



2B821C



007FD9



CF3658

# Complementary

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



2B821C



731C82

# 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.



C33A8D



2B821C



236ED9

# Square

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



2B821C



0087BD



9555BD



C04C26

# Rectangle

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



2B821C



00897A



9555BD



CE336A



# Sweetspot

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



2B821C



86A880



82731C



3F543C



D4D4D4



545454



# Same Dimension

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



2B821C



21A80A



1C8240



3A4039



138000



000000



# Inverse Universe

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



731C82



910AA8



821C5E



3F3940



6D0080

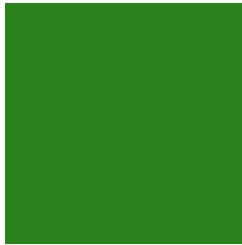


000000



# Previews

## White Background



This preview shows how the Hex color 2B821C looks on a white background.

## Color Contrast Check

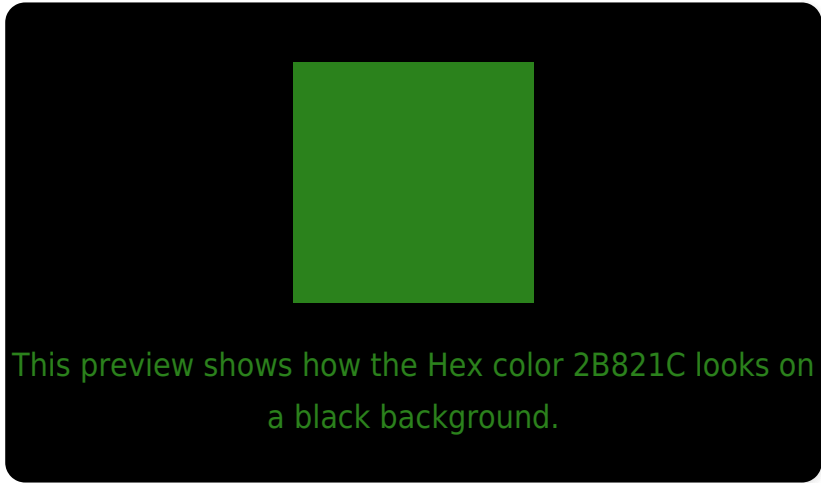
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

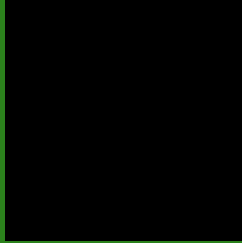
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2B821C Background



This preview shows how black text looks on a background with the Hex color 2B821C.



This preview shows how white text looks on a background with the Hex color 2B821C.

# 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**  
2B821C

**Protanopia**  
7F7118

**Deuteranopia**  
8D6B26



**Tritanopia**  
437983

# Trichromacy



**Original Color**  
2B821C



**Protanomaly**  
607719



**Deuteranomaly**  
697322



**Tritanomaly**  
3A7C5E

# Monochromacy



**Original Color**  
2B821C



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
4A6A45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B821C 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 #2B821C looks like.

```
.text, #text, p{  
    color:#2B821C  
}
```

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 #2B821C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B821C
}
```

## Border

The CSS property to change the border of an element to Hex 2B821C 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
#2B821C }
```

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

```
.border{ border-color:#2B821C }
```

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

Here you see how a box with a 4 pixel #2B821C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B821C; -webkit-box-shadow:4px 4px  
4px 4px #2B821C; box-shadow:4px 4px 4px  
4px #2B821C }
```

# Background

The CSS property to change the background color of an element to Hex 2B821C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B821C }
```

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

```
.background{ background-color:#2B821C }
```

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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