

Converting Colors

Hex(2C821E)

Have a look what the booklet for
Hex(2C821E) contains.

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Color

Hex(2C821E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 2C821E |
| RGB | 44, 130, 30 |
| RGB Percent | 17%, 51%, 12% |
| CMY | 0.8275, 0.4902, 0.8824 |
| CMYK | 0.66, 0.00, 0.77, 0.49 |
| HSL | 112°, 62%, 31% |
| HSV | 112°, 77%, 51% |
| XYZ | 9.2557, 16.5945, 3.9435 |
| YIQ | 92.8860, -19.1560, -49.3320 |

Conversions

Conversions Part 2

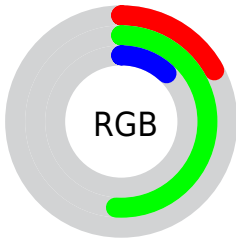
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 30, 130, 116 |
| Decimal | 2916894 |
| CIE _{Lab} | 47.74, -44.73, 43.73 |
| CIE _{LCh} | 48, 62.556, 135.644 |
| Yxy | 16.5945, 0.3107, 0.5570 |
| Android (android.graphics.Color) | 4281106974 (0xFF2C821E) |
| YUV | 92.8860, -31.0028, -42.8730 |
| Hunter-Lab | 40.7363, -30.7316, 22.7758 |

Details

The Hex color **2C821E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **741E82**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **66B852**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **218211**, and if you desaturate by 10%, it is **37822B**.

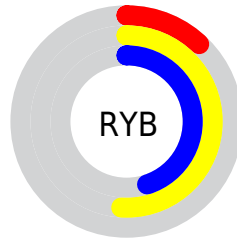
Distribution



Red (17%)

Green (51%)

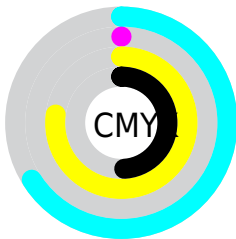
Blue (12%)



Red (12%)

Yellow (51%)

Blue (45%)

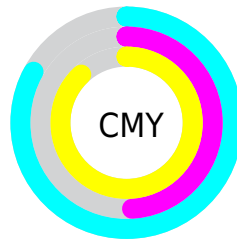


Cyan (66%)

Magenta (0%)

Yellow (77%)

Black (49%)



Cyan (83%)

Magenta (49%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C821E 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 2C821E by changing the saturation by 10% instead.



2C821E



2C821E

FFFFFF



006800



66B852



004F00



81D46B



003700



9DF186



002200



BAFFA1



000000



D7FFBC



F4FFD8



FFFFFF5



2C821E



2C821E

■ 218211

■ 37822B

■ 168204

■ 428238

■ 128200

■ 4E8245

■ 598252

■ 64825F

■ 6F826C

■ 7A8279

■ 858286

■ 918293

Harmonies

Analogous

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



6F7700



2C821E



008755

Triad

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



2C821E



007FD8



CE3758

Complementary

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



2C821E



741E82

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.



C23C8D



2C821E



296ED8

Square

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



2C821E



0087BC



9555BC



BF4D26

Rectangle

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



2C821E



00897A



9555BC



CD356A

Sweetspot

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



2C821E



87A882



82731E



40543D



D4D4D4



545454

Same Dimension

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



2C821E



23A80D



1E8241



3A4039



128000



000000

Inverse Universe

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



741E82



930DA8



821E5F



3F3940



6E0080



000000

Previews

White Background



This preview shows how the Hex color 2C821E looks on a white background.

Color Contrast Check

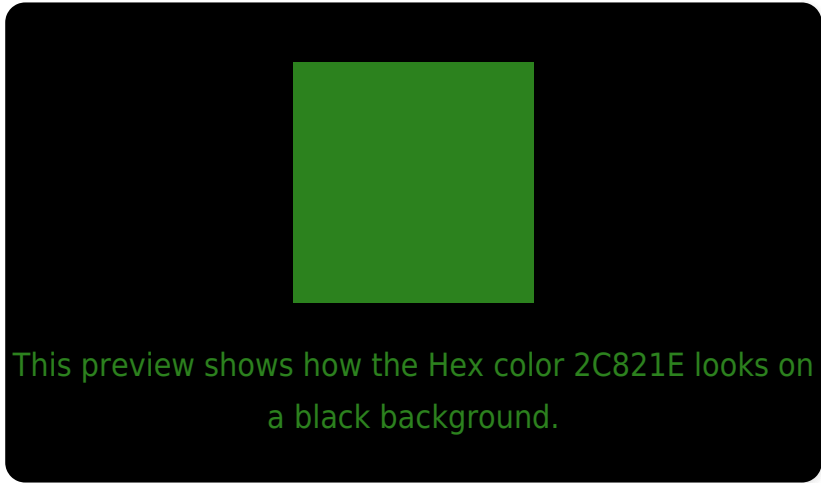
Large Text (above 18pt) WCAG AA ✓ Pass

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

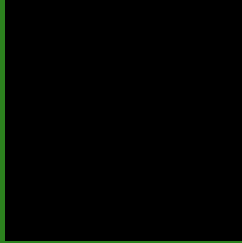
Any Text WCAG AA × Fail

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 2C821E Background



This preview shows how black text looks on a background with the Hex color 2C821E.



This preview shows how white text looks on a background with the Hex color 2C821E.

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
2C821E

Protanopia
7F711A

Deuteranopia
8D6B28



Tritanopia
437983

Trichromacy



Original Color
2C821E

Protanomaly
61771B

Deuteranomaly
6A7324

Tritanomaly
3B7C5E

Monochromacy



Original Color
2C821E

Achromatopsia
5D5D5D

Achromatomaly
4B6A46

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C821E 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 #2C821E looks like.

```
.text, #text, p{  
    color:#2C821E  
}
```

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 #2C821E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C821E
}
```

Border

The CSS property to change the border of an element to Hex 2C821E 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
#2C821E }
```

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

```
.border{ border-color:#2C821E }
```

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

Here you see how a box with a 4 pixel #2C821E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C821E; -webkit-box-shadow:4px 4px  
4px 4px #2C821E; box-shadow:4px 4px 4px  
4px #2C821E }
```

Background

The CSS property to change the background color of an element to Hex 2C821E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C821E }
```

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

```
.background{ background-color:#2C821E }
```

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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