

Converting Colors

Hex(2C8019)

Have a look what the booklet for
Hex(2C8019) contains.

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Color

Hex(2C8019)

Conversions

Conversions Part 1

Format	Color
Hex	2C8019
RGB	44, 128, 25
RGB Percent	17%, 50%, 10%
CMY	0.8275, 0.4980, 0.9020
CMYK	0.66, 0.00, 0.80, 0.50
HSL	109°, 67%, 30%
HSV	109°, 80%, 50%
XYZ	8.9333, 16.0440, 3.5457
YIQ	91.1420, -17.0010, -49.8410

Conversions

Conversions Part 2

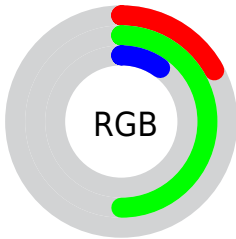
Format	Color
R_{YB}	25, 128, 109
Decimal	2916377
CIE _{Lab}	47.03, -44.36, 44.81
CIE _{LCh}	47, 63.051, 134.710
Yxy	16.0440, 0.3132, 0.5625
Android (android.graphics.Color)	4281106457 (0xFF2C8019)
YUV	91.1420, -32.6080, -41.3435
Hunter-Lab	40.0550, -30.2858, 22.7901

Details

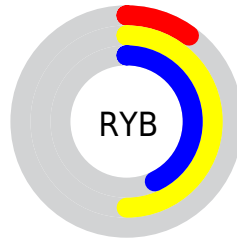
The Hex color **2C8019** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **6D1980**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **65B64D**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **22800C**, and if you desaturate by 10%, it is **368026**.

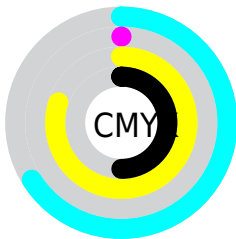
Distribution



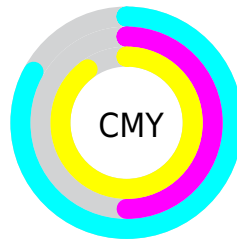
- Red (17%)
- Green (50%)
- Blue (10%)



- Red (10%)
- Yellow (50%)
- Blue (43%)



- Cyan (66%)
- Magenta (0%)
- Yellow (80%)
- Black (50%)



- Cyan (83%)
- Magenta (50%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C8019 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 2C8019 by changing the saturation by 10% instead.

 2C8019

 2C8019

FFFFFF

 016600

 65B64D

 004D00

 81D267

 003600

 9DEE81

 002000

 BAFF9C

 000000

 D6FFB8

 F4FFD4

 FFFFF1

 2C8019

 2C8019

■ 22800C

■ 368026

■ 188000

■ 418033

■ 4B803F

■ 56804C

■ 608059

■ 6B8066

■ 758073

■ 80807F

■ 8A808C

Harmonies

Analogous

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



6F7500



2C8019



008552

Triad

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



2C8019



007DD6



CC3458

Complementary

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



2C8019



6D1980

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.



C0398D



2C8019



176DD7

Square

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



2C8019



0085B9



9254BC



BE4A26

Rectangle

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



2C8019



008777



9254BC



CC3269

Sweetspot

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



2C8019



85A67E



806B19



40543C



D4D4D4



545454

Same Dimension

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



2C8019



23A605



198038



3B4039



188000



000000

Inverse Universe

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



6D1980



8805A6



801961



3F3940



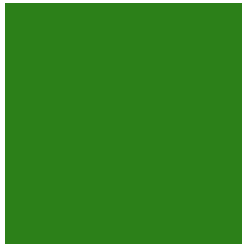
680080



000000

Previews

White Background



This preview shows how the Hex color 2C8019 looks on a white background.

Color Contrast Check

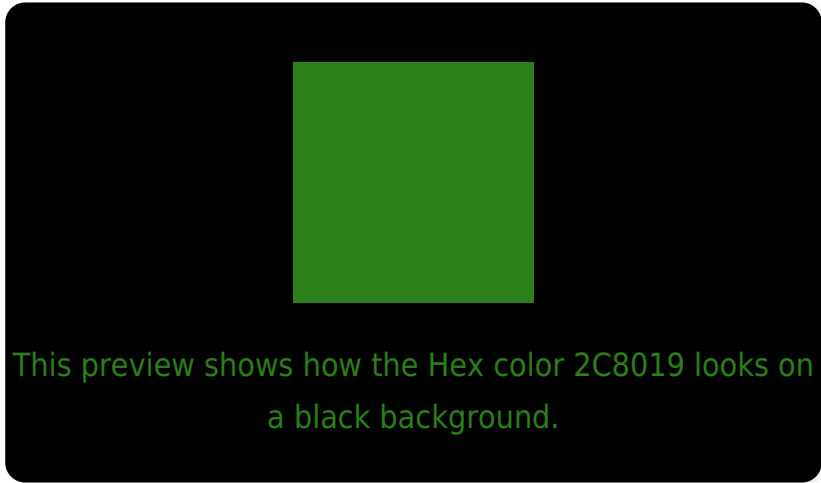
Large Text (above 18pt) WCAG AA ✓ Pass

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

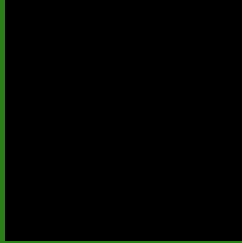
Any Text WCAG AA × Fail

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 2C8019 Background



This preview shows how black text looks on a background with the Hex color 2C8019.



This preview shows how white text looks on a background with the Hex color 2C8019.

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
2C8019

Protanopia
7D6F15

Deuteranopia
8B6924



Tritanopia
437781

Trichromacy



Original Color
2C8019



Protanomaly
607516



Deuteranomaly
687120



Tritanomaly
3B7A5B

Monochromacy



Original Color
2C8019



Achromatopsia
5B5B5B



Achromatomaly
4A6843

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C8019 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 #2C8019 looks like.

```
.text, #text, p{  
    color:#2C8019  
}
```

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 #2C8019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C8019
}
```

Border

The CSS property to change the border of an element to Hex 2C8019 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
#2C8019 }
```

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

```
.border{ border-color:#2C8019 }
```

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

Here you see how a box with a 4 pixel #2C8019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C8019; -webkit-box-shadow:4px 4px  
4px 4px #2C8019; box-shadow:4px 4px 4px  
4px #2C8019 }
```

Background

The CSS property to change the background color of an element to Hex 2C8019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C8019 }
```

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

```
.background{ background-color:#2C8019 }
```

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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