

Converting Colors

Hex(2A8019)

Have a look what the booklet for
Hex(2A8019) contains.

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Color

Hex(2A8019)

Conversions

Conversions Part 1	
Format	Color
Hex	2A8019
RGB	42, 128, 25
RGB Percent	16%, 50%, 10%
CMY	0.8353, 0.4980, 0.9020
CMYK	0.67, 0.00, 0.80, 0.50
HSL	110°, 67%, 30%
HSV	110°, 80%, 50%
XYZ	8.8495, 16.0008, 3.5417
YIQ	90.5440, -18.1930, -50.2650

Conversions

Conversions Part 2

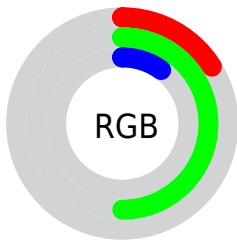
Format	Color
RYB	25, 128, 111
Decimal	2785305
CIELab	46.98, -44.83, 44.74
CIELCh	47, 63.330, 135.059
Yxy	16.0008, 0.3117, 0.5636
Android (android.graphics.Color)	4280975385 (0xFF2A8019)
YUV	90.5440, -32.3132, -42.5731
Hunter-Lab	40.0010, -30.5118, 22.7510

Details

The Hex color **2A8019** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **6F1980**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **64B64D**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **1F800C**, and if you desaturate by 10%, it is **358026**.

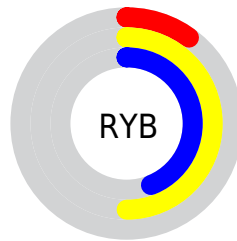
Distribution



Red (16%)

Green (50%)

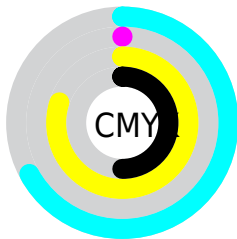
Blue (10%)



Red (10%)

Yellow (50%)

Blue (44%)

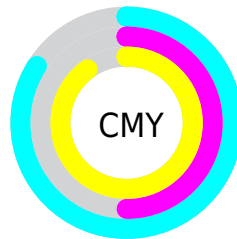


Cyan (67%)

Magenta (0%)

Yellow (80%)

Black (50%)



Cyan (84%)

Magenta (50%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8019 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 2A8019 by changing the saturation by 10% instead.

 2A8019

 2A8019


FFFFFF

 006600

 64B64D

 004D00

 80D267

 003600

 9CEE81

 002000

 B8FF9C

 000000

 D5FFB8

 F2FFD4

 FFFFFF1

 2A8019

 2A8019

 1F800C

 358026

 158000

 3F8033

 4A803F

 55804C

 5F8059

 6A8066

 758073

 7F807F

 8A808C

Harmonies

Analogous

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



6E7500



2A8019



008552

Triad

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



2A8019



007DD7



CD3357

Complementary

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



2A8019



6F1980

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.



C0388C



2A8019



1A6DD7

Square

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



2A8019



0085BA



9253BB



BE4A24

Rectangle

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



2A8019



008777



9253BB



CC3169

Sweetspot

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



2A8019



85A67E



806F19



40543C



D4D4D4



545454

Same Dimension

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



2A8019



20A605



19803B



3A4039



158000



000000

Inverse Universe

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



6F1980



8B05A6



80195E



3F3940



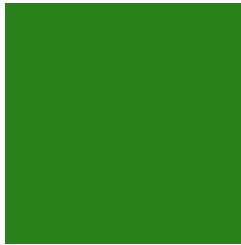
6A0080



000000

Previews

White Background



This preview shows how the Hex color 2A8019 looks on a white background.

Color Contrast Check

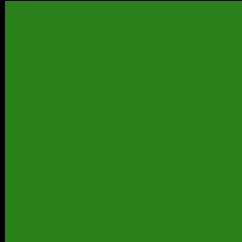
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2A8019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

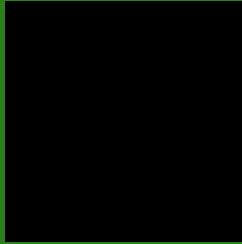
Any Text WCAG AA × Fail

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 2A8019 Background



This preview shows how black text looks on a background with the Hex color 2A8019.



This preview shows how white text looks on a background with the Hex color 2A8019.

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
[2A8019](#)

Protanopia
[7D6F15](#)

Deuteranopia
[8B6924](#)

Trichromacy



Original Color

2A8019



Protanomaly

5F7516



Deuteranomaly

687120



Tritanomaly

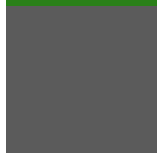
397A5B

Monochromacy



Original Color

2A8019



Achromatopsia

5B5B5B



Achromatomaly

496843

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8019 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 #2A8019 looks like.

```
.text, #text, p{  
    color:#2A8019  
}
```

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 #2A8019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8019
}
```

Border

The CSS property to change the border of an element to Hex 2A8019 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
#2A8019 }
```

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

```
.border{ border-color:#2A8019 }
```

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

Here you see how a box with a 4 pixel #2A8019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8019; -webkit-box-shadow:4px 4px  
4px 4px #2A8019; box-shadow:4px 4px 4px  
4px #2A8019 }
```

Background

The CSS property to change the background color of an element to Hex 2A8019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8019 }
```

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

```
.background{ background-color:#2A8019 }
```

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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