

Converting Colors

Hex(2A8F1D)

Have a look what the booklet for
Hex(2A8F1D) contains.

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Color

Hex(2A8F1D)

Conversions

Conversions Part 1

Format	Color
Hex	2A8F1D
RGB	42, 143, 29
RGB Percent	16%, 56%, 11%
CMY	0.8353, 0.4392, 0.8863
CMYK	0.71, 0.00, 0.80, 0.44
HSL	113°, 66%, 34%
HSV	113°, 80%, 56%
XYZ	10.9991, 20.2259, 4.4867
YIQ	99.8050, -23.6020, -56.8660

Conversions

Conversions Part 2

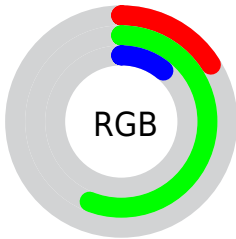
Format	Color
R_{YB}	29, 143, 130
Decimal	2789149
CIE _{Lab}	52.09, -49.84, 48.32
CIE _{LCh}	52, 69.420, 135.889
Yxy	20.2259, 0.3080, 0.5664
Android (android.graphics.Color)	4280979229 (0xFF2A8F1D)
YUV	99.8050, -34.9069, -50.6950
Hunter-Lab	44.9732, -35.0474, 25.5663

Details

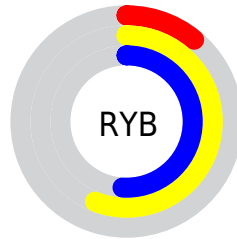
The Hex color **2A8F1D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **821D8F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **67C653**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **1D8F0F**, and if you desaturate by 10%, it is **378F2B**.

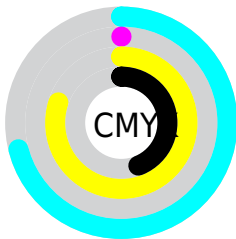
Distribution



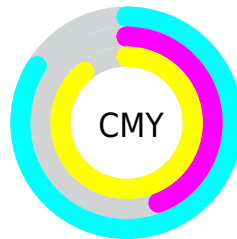
- Red (16%)
- Green (56%)
- Blue (11%)



- Red (11%)
- Yellow (56%)
- Blue (51%)



- Cyan (71%)
- Magenta (0%)
- Yellow (80%)
- Black (44%)



- Cyan (84%)
- Magenta (44%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8F1D 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 2A8F1D by changing the saturation by 10% instead.

 2A8F1D

 2A8F1D

FFFFFF

 007500

 67C653

 005B00

 84E26D

 004300

 A0FF87

 002D00

 BDFFA3

 000E00

 DAFFBE

 000000

 F8FFDB

 FFFFF8

 2A8F1D

 2A8F1D

 1D8F0F

 378F2B

 118F00

 438F3A

 108F00

 508F48

 5D8F56

 698F65

 768F73

 838F81

 8F8F8F

 9C8F9E

Harmonies

Analogous

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



798300



2A8F1D



00955D

Triad

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



2A8F1D



008BF0



E4395F

Complementary

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



2A8F1D



821D8F

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.



D73D9B



2A8F1D



2379F0

Square

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



2A8F1D



0094D1



A55CD0



D35327

Rectangle

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



2A8F1D



009687



A55CD0



E43573

Sweetspot

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



2A8F1D



93BA8D



8F821D



465E43



DEDEDE



5E5E5E

Same Dimension

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



2A8F1D



1CBA07



1D8F49



414740



0F8700



010800

Inverse Universe

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



821D8F



A607BA



8F1D63



474047



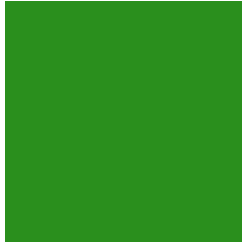
780087



070008

Previews

White Background



This preview shows how the Hex color 2A8F1D looks on a white background.

Color Contrast Check

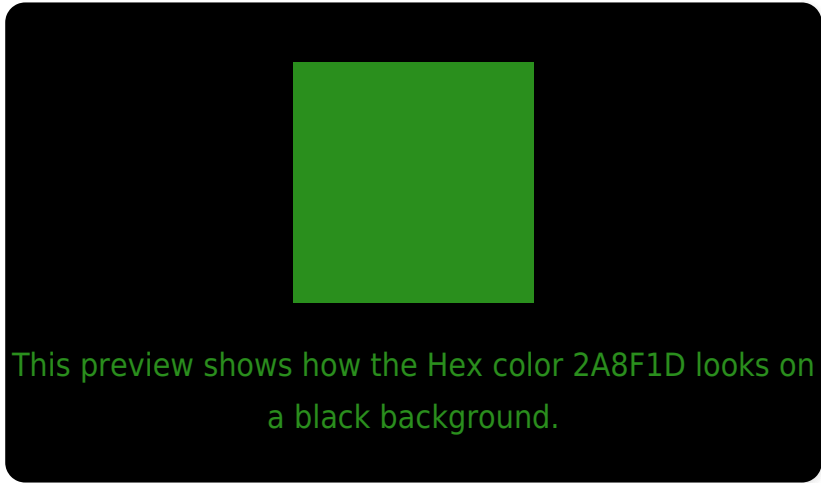
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex 2A8F1D Background



This preview shows how black text looks on a background with the Hex color 2A8F1D.



This preview shows how white text looks on a background with the Hex color 2A8F1D.

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
2A8F1D

Protanopia
8B7C18

Deuteranopia
9A7529



Tritanopia
478590

Trichromacy



Original Color
2A8F1D



Protanomaly
68831A



Deuteranomaly
717E25



Tritanomaly
3C8966

Monochromacy



Original Color
2A8F1D



Achromatopsia
646464



Achromatomaly
4F744A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8F1D 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 #2A8F1D looks like.

```
.text, #text, p{  
    color:#2A8F1D  
}
```

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 #2A8F1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8F1D
}
```

Border

The CSS property to change the border of an element to Hex 2A8F1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

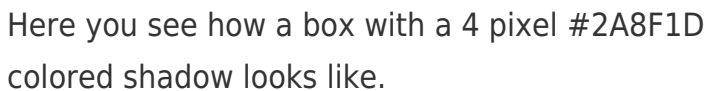
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A8F1D }
```

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

```
.border{ border-color:#2A8F1D }
```

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



Here you see how a box with a 4 pixel #2A8F1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8F1D; -webkit-box-shadow:4px 4px  
4px 4px #2A8F1D; box-shadow:4px 4px 4px  
4px #2A8F1D }
```

Background

The CSS property to change the background color of an element to Hex 2A8F1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8F1D }
```

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

```
.background{ background-color:#2A8F1D }
```

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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