

Converting Colors

Hex(2A8C2A)

Have a look what the booklet for
Hex(2A8C2A) contains.

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Color

Hex(2A8C2A)

Conversions

Conversions Part 1

Format	Color
Hex	2A8C2A
RGB	42, 140, 42
RGB Percent	16%, 55%, 16%
CMY	0.8353, 0.4510, 0.8353
CMYK	0.70, 0.00, 0.70, 0.45
HSL	120°, 54%, 36%
HSV	120°, 70%, 55%
XYZ	10.7508, 19.4156, 5.3714
YIQ	99.5260, -26.9500, -51.2540

Conversions

Conversions Part 2

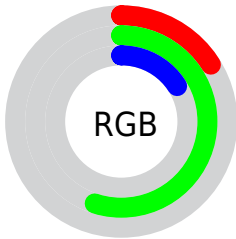
Format	Color
R_{YB}	42, 140, 140
Decimal	2788394
CIE _{Lab}	51.17, -47.72, 42.46
CIE _{LCh}	51, 63.872, 138.337
Yxy	19.4156, 0.3025, 0.5463
Android (android.graphics.Color)	4280978474 (0xFF2A8C2A)
YUV	99.5260, -28.3603, -50.4503
Hunter-Lab	44.0631, -33.5587, 23.6165

Details

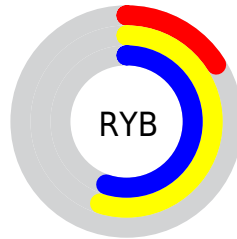
The Hex color **2A8C2A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8C2A8C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **66C35D**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **1C8C1C**, and if you desaturate by 10%, it is **388C38**.

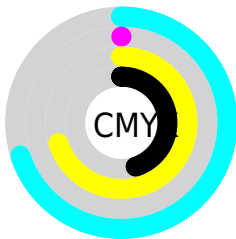
Distribution



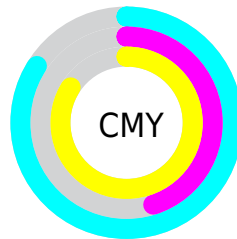
- Red (16%)
- Green (55%)
- Blue (16%)



- Red (16%)
- Yellow (55%)
- Blue (16%)



- Cyan (70%)
- Magenta (0%)
- Yellow (70%)
- Black (45%)



- Cyan (84%)
- Magenta (45%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8C2A 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 2A8C2A by changing the saturation by 10% instead.

 2A8C2A

 2A8C2A

FFFFFF

 00720E

 66C35D

 005800

 82DF77

 004000

 9EFC91

 002B00

 BBFFAC

 000800

 D8FFC8

 000000

 F6FFE5

 2A8C2A

 2A8C2A

 1C8C1C

 388C38

 0E8C0E

 468C46

 008C00

 548C54

 628C62

 708C70

 7E8C7E

 8C8C8C

 9A8C9A

 A88CA8

Harmonies

Analogous

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



738100



2A8C2A



009162

Triad

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



2A8C2A



0086E5



DA415B

Complementary

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



2A8C2A



8C2A8C

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.



D04292



2A8C2A



4575E2

Square

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



2A8C2A



0090CB



A55BC3



C95728

Rectangle

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



2A8C2A



009388



A55BC3



DA3E6D

Sweetspot

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



2A8C2A



8FB58F



8C8C2A



455C45



DBDBDB



5C5C5C

Same Dimension

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



2A8C2A



1DB51D



2A8C5B



3E453E



008500



000500

Inverse Universe

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



8C2A8C



B51DB5



8C2A5B



453E45



850085



050005

Previews

White Background



This preview shows how the Hex color 2A8C2A looks on a white background.

Color Contrast Check

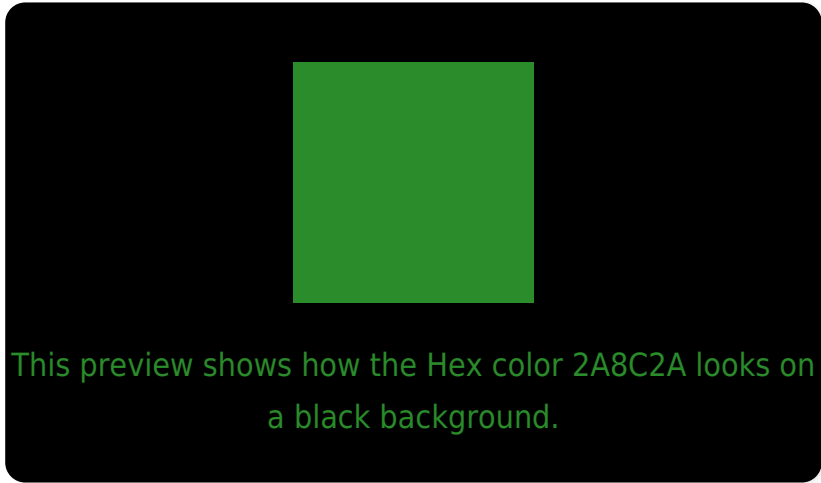
Large Text (above 18pt) WCAG AA ✓ Pass

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

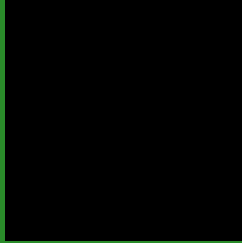
Any Text WCAG AA ✓ Pass

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 2A8C2A Background



This preview shows how black text looks on a background with the Hex color 2A8C2A.



This preview shows how white text looks on a background with the Hex color 2A8C2A.

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
2A8C2A

Protanopia
887925

Deuteranopia
967333



Tritanopia
45838D

Trichromacy



Original Color
2A8C2A



Protanomaly
668027



Deuteranomaly
6F7C30



Tritanomaly
3B8669

Monochromacy



Original Color
2A8C2A



Achromatopsia
646464



Achromatomaly
4F734F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8C2A 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 #2A8C2A looks like.

```
.text, #text, p{  
    color:#2A8C2A  
}
```

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 #2A8C2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8C2A
}
```

Border

The CSS property to change the border of an element to Hex 2A8C2A 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
#2A8C2A }
```

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

```
.border{ border-color:#2A8C2A }
```

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

Here you see how a box with a 4 pixel #2A8C2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8C2A; -webkit-box-shadow:4px 4px  
4px 4px #2A8C2A; box-shadow:4px 4px 4px  
4px #2A8C2A }
```

Background

The CSS property to change the background color of an element to Hex 2A8C2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8C2A }
```

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

```
.background{ background-color:#2A8C2A }
```

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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