

# Converting Colors

Hex(2C8E2A)

Have a look what the booklet for  
Hex(2C8E2A) contains.

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# Color

Hex(2C8E2A)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C8E2A
RGB	44, 142, 42
RGB Percent	17%, 56%, 16%
CMY	0.8275, 0.4431, 0.8353
CMYK	0.69, 0.00, 0.70, 0.44
HSL	119°, 54%, 36%
HSV	119°, 70%, 56%
XYZ	11.1296, 20.0486, 5.4737
YIQ	101.2980, -26.3080, -51.8760

# Conversions

## Conversions Part 2

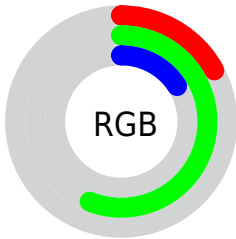
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 142, 140
Decimal	2919978
CIE <sub>Lab</sub>	51.89, -48.02, 43.24
CIE <sub>LCh</sub>	52, 64.623, 137.999
Yxy	20.0486, 0.3037, 0.5470
Android (android.graphics.Color)	4281110058 (0xFF2C8E2A)
YUV	101.2980, -29.2339, -50.2503
Hunter-Lab	44.7757, -33.9888, 24.0950

# Details

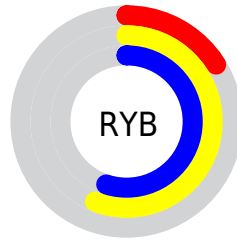
The Hex color **2C8E2A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8C2A8E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **68C55D**, and **005A00** is the 20% darker color. If you saturate the color by 10%, you get **1E8E1C**, and if you desaturate by 10%, it is **3A8E38**.

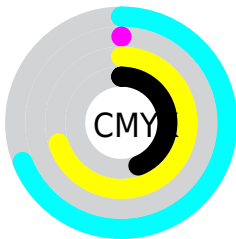
# Distribution



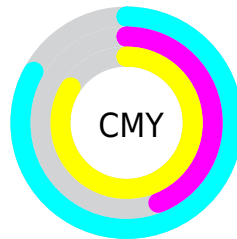
- Red (17%)
- Green (56%)
- Blue (16%)



- Red (16%)
- Yellow (56%)
- Blue (55%)



- Cyan (69%)
- Magenta (0%)
- Yellow (70%)
- Black (44%)



- Cyan (83%)
- Magenta (44%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C8E2A 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 2C8E2A by changing the saturation by 10% instead.



 2C8E2A

 2C8E2A

FFFFFF

 00740D

 68C55D

 005A00

 84E177

 004200

 A0FE92

 002C00

 BDFPAD

 000D00

 DAFFC9

 000000

 F8FFE5

 2C8E2A

 2C8E2A

 1E8E1C

 3A8E38

 108E0E

 488E46

 038E00

 568E55

 648E63

 728E71

 7F8E7F

 8D8E8D

 9B8E9C

 A98EAA

# Harmonies

## Analogous

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



768300



2C8E2A



009363

# Triad

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



2C8E2A



0089E9



DD425D

# Complementary

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



2C8E2A



8C2A8E

# 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.



D34394



2C8E2A



4477E6

# Square

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



2C8E2A



0092CD



A75CC7



CC5929

# Rectangle

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



2C8E2A



00958A



A75CC7



DD3F6F



# Sweetspot

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



2C8E2A



92B891



8E8B2A



455C45



DBDBDB



5C5C5C



# Same Dimension

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



2C8E2A



1FB81C



2A8E59



404740



038700



000800



# Inverse Universe

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



8C2A8E



B41CB8



8E2A5F



474047



840087



070008



# Previews

## White Background



This preview shows how the Hex color 2C8E2A looks on a white background.

## Color Contrast Check

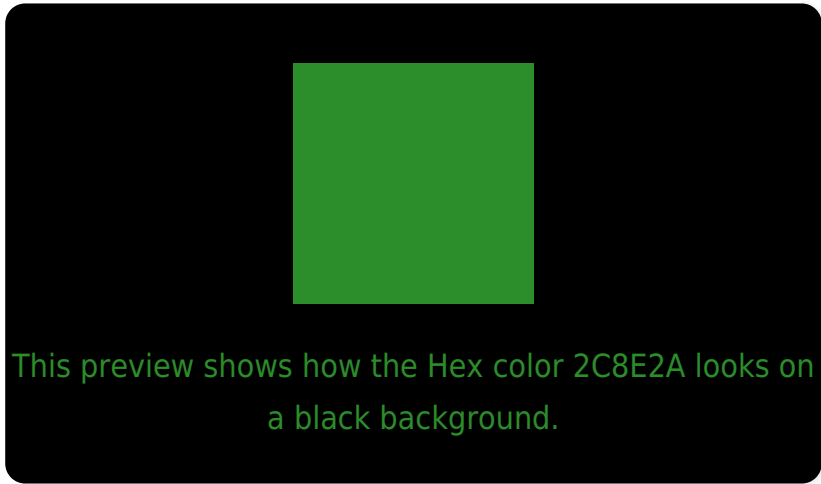
Large Text (above 18pt) WCAG AA ✓ Pass

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 2C8E2A Background



This preview shows how black text looks on a background with the Hex color 2C8E2A.



This preview shows how white text looks on a background with the Hex color 2C8E2A.

# 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**  
2C8E2A

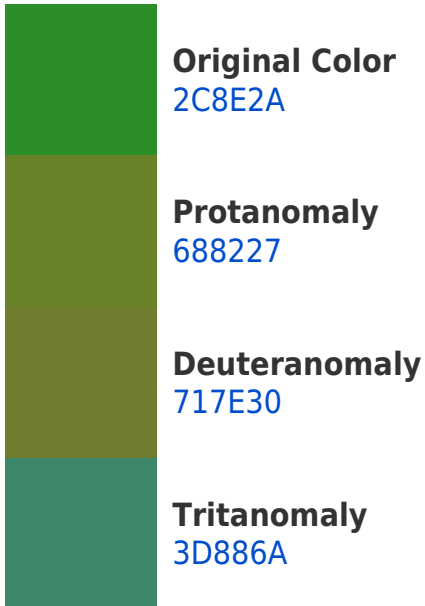
**Protanopia**  
8A7B25

**Deuteranopia**  
997533



**Tritanopia**  
47858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C8E2A 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 #2C8E2A looks like.

```
.text, #text, p{  
    color:#2C8E2A  
}
```

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 #2C8E2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C8E2A
}
```

## Border

The CSS property to change the border of an element to Hex 2C8E2A 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
#2C8E2A }
```

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

```
.border{ border-color:#2C8E2A }
```

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

Here you see how a box with a 4 pixel #2C8E2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C8E2A; -webkit-box-shadow:4px 4px  
4px 4px #2C8E2A; box-shadow:4px 4px 4px  
4px #2C8E2A }
```

# Background

The CSS property to change the background color of an element to Hex 2C8E2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C8E2A }
```

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

```
.background{ background-color:#2C8E2A }
```

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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