

# Converting Colors

Hex(2B902B)

Have a look what the booklet for  
Hex(2B902B) contains.

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**Color**

**Hex(2B902B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B902B
RGB	43, 144, 43
RGB Percent	17%, 56%, 17%
CMY	0.8314, 0.4353, 0.8314
CMYK	0.70, 0.00, 0.70, 0.44
HSL	120°, 54%, 37%
HSV	120°, 70%, 56%
XYZ	11.4056, 20.6345, 5.6672
YIQ	102.2870, -27.7750, -52.8230

# Conversions

## Conversions Part 2

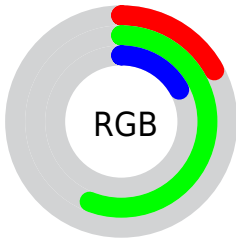
Format	Color
R <sub>Y</sub> B	43, 144, 144
Decimal	2854955
CIE Lab	52.55, -48.84, 43.51
CIE LCh	53, 65.412, 138.303
Yxy	20.6345, 0.3025, 0.5472
Android (android.graphics.Color)	4281045035 (0xFF2B902B)
YUV	102.2870, -29.2285, -51.9947
Hunter-Lab	45.4252, -34.6756, 24.4007

# Details

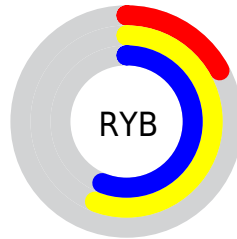
The Hex color **2B902B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **902B90**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **67C75E**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **1D901D**, and if you desaturate by 10%, it is **399039**.

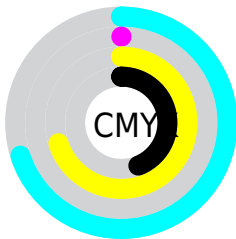
# Distribution



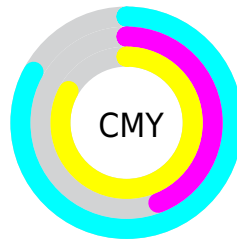
- Red (17%)
- Green (56%)
- Blue (17%)



- Red (17%)
- Yellow (56%)
- Blue (56%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B902B 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 2B902B by changing the saturation by 10% instead.



 2B902B

 2B902B

FFFFFF

 00760F

 67C75E

 005C00

 84E378

 004300

 A0FF93

 002D00

 BDFFAE

 001000

 DAFFCA

 000000

 F8FFE6

 2B902B

 2B902B

 1D901D

 399039

■ 0E900E

■ 489048

■ 009000

■ 569056

■ 659065

■ 739073

■ 819081

■ 909090

■ 9E909E

■ AD90AD

# Harmonies

## Analogous

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



778500



2B902B



009565

# Triad

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



2B902B



008AEC



E0435E

# Complementary

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



2B902B



902B90

# 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.



D64496



2B902B



4778E9

# Square

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



2B902B



0094D1



AA5DC9



CE5A29

# Rectangle

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



2B902B



00978C



AA5DC9



E03F70



# Sweetspot

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



2B902B



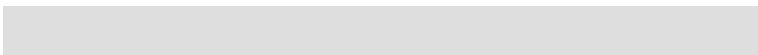
93BA93



90902B



475E47



DEDEDE



5E5E5E



# Same Dimension

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



2B902B



1EBA1E



2B905E



404740



008700



000800



# Inverse Universe

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



902B90



BA1EBA



902B5E



474047



870087



080008



# Previews

## White Background



This preview shows how the Hex color 2B902B looks on a white background.

## Color Contrast Check

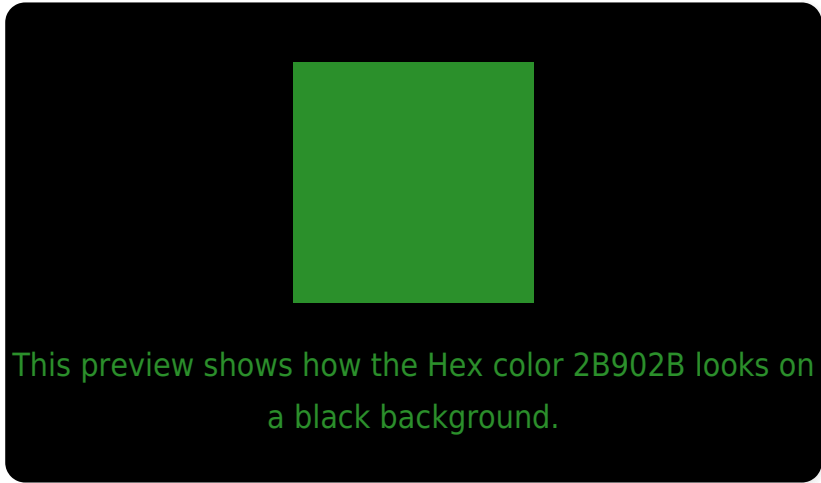
Large Text (above 18pt) WCAG AA ✓ Pass

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

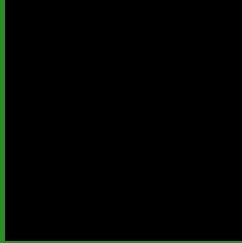
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2B902B Background



This preview shows how black text looks on a background with the Hex color 2B902B.



This preview shows how white text looks on a background with the Hex color 2B902B.

# 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**  
2B902B

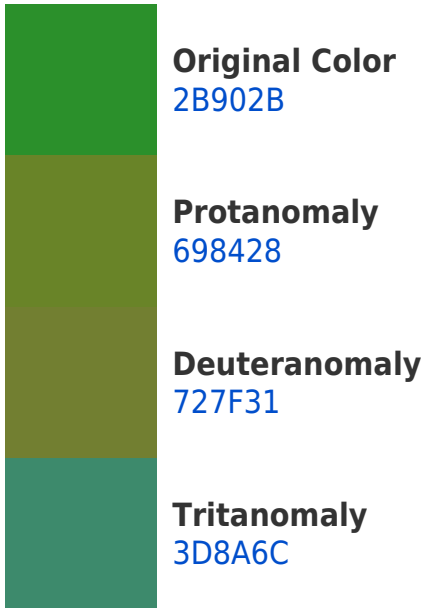
**Protanopia**  
8C7D26

**Deuteranopia**  
9B7634



**Tritanopia**  
478691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B902B 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 #2B902B looks like.

```
.text, #text, p{  
    color:#2B902B  
}
```

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 #2B902B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B902B
}
```

## Border

The CSS property to change the border of an element to Hex 2B902B 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
#2B902B }
```

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

```
.border{ border-color:#2B902B }
```

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

Here you see how a box with a 4 pixel #2B902B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B902B; -webkit-box-shadow:4px 4px  
4px 4px #2B902B; box-shadow:4px 4px 4px  
4px #2B902B }
```

# Background

The CSS property to change the background color of an element to Hex 2B902B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B902B }
```

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

```
.background{ background-color:#2B902B }
```

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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