

Converting Colors

Hex(2D9A2D)

Have a look what the booklet for
Hex(2D9A2D) contains.

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Color

Hex(2D9A2D)

Conversions

Conversions Part 1

Format	Color
Hex	2D9A2D
RGB	45, 154, 45
RGB Percent	18%, 60%, 18%
CMY	0.8235, 0.3961, 0.8235
CMYK	0.71, 0.00, 0.71, 0.40
HSL	120°, 55%, 39%
HSV	120°, 71%, 60%
XYZ	13.1114, 23.8586, 6.3967
YIQ	108.9830, -29.9750, -57.0070

Conversions

Conversions Part 2

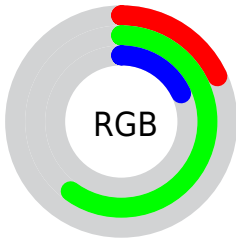
Format	Color
RYB	45, 154, 154
Decimal	2988589
CIELab	55.95, -51.76, 46.30
CIELCh	56, 69.445, 138.191
Yxy	23.8586, 0.3023, 0.5502
Android (android.graphics.Color)	4281178669 (0xFF2D9A2D)
YUV	108.9830, -31.5436, -56.1131
Hunter-Lab	48.8452, -37.5647, 26.4271

Details

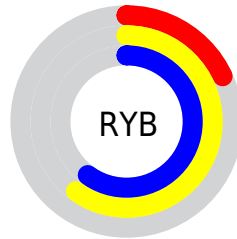
The Hex color **2D9A2D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9A2D9A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6BD161**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **1E9A1E**, and if you desaturate by 10%, it is **3C9A3C**.

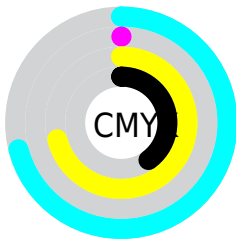
Distribution



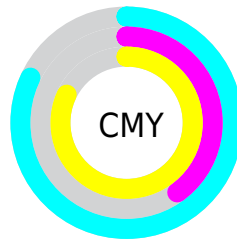
- Red (18%)
- Green (60%)
- Blue (18%)



- Red (18%)
- Yellow (60%)
- Blue (60%)



- Cyan (71%)
- Magenta (0%)
- Yellow (71%)
- Black (40%)



- Cyan (82%)
- Magenta (40%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9A2D 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 2D9A2D by changing the saturation by 10% instead.

 2D9A2D

 2D9A2D

FFFFFF

 007F10

 6BD161

 006500

 88EE7B

 004C00

 A4FF96

 003500

 C2FFB1

 001D00

 DFFFCE

 000000

 FDFFEA

 2D9A2D

 2D9A2D

 1E9A1E

 3C9A3C

 0E9A0E

 4C9A4C

 009A00

 5B9A5B

 6B9A6B

 7A9A7A

 899A89

 999A99

 A89AA8

 B89AB8

Harmonies

Analogous

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



7F8E00



2D9A2D



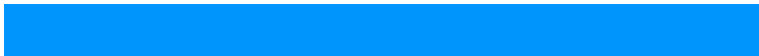
00A06B

Triad

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



2D9A2D



0094FD



F04664

Complementary

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



2D9A2D



9A2D9A

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.



E548A1



2D9A2D



4A80FA

Square

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



2D9A2D



009EDF



B664D7



DD602C

Rectangle

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



2D9A2D



00A196



B664D7



F04378

Sweetspot

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



2D9A2D



9FC99F



9A9A2D



4D664D



E6E6E6



666666

Same Dimension

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



2D9A2D



1EC91E



2D9A63



454D45



008C00



000D00

Inverse Universe

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



9A2D9A



C91EC9



9A2D63



4D454D



8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 2D9A2D looks on a white background.

Color Contrast Check

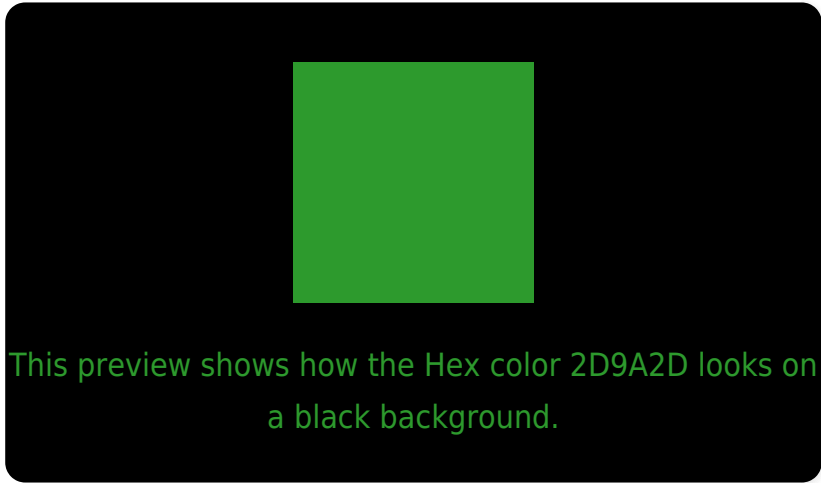
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D9A2D Background



This preview shows how black text looks on a background with the Hex color 2D9A2D.



This preview shows how white text looks on a background with the Hex color 2D9A2D.

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
2D9A2D

Protanopia
958528

Deuteranopia
A57F37



Tritanopia
4B909B

Trichromacy



Original Color
2D9A2D



Protanomaly
6F8D2A



Deuteranomaly
798933



Tritanomaly
409473

Monochromacy



Original Color
2D9A2D



Achromatopsia
6D6D6D



Achromatomaly
567D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9A2D 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 #2D9A2D looks like.

```
.text, #text, p{  
    color:#2D9A2D  
}
```

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 #2D9A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9A2D
}
```

Border

The CSS property to change the border of an element to Hex 2D9A2D 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
#2D9A2D }
```

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

```
.border{ border-color:#2D9A2D }
```

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

Here you see how a box with a 4 pixel #2D9A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9A2D; -webkit-box-shadow:4px 4px  
4px 4px #2D9A2D; box-shadow:4px 4px 4px  
4px #2D9A2D }
```

Background

The CSS property to change the background color of an element to Hex 2D9A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9A2D }
```

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

```
.background{ background-color:#2D9A2D }
```

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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