

Converting Colors

Hex(2D9D42)

Have a look what the booklet for
Hex(2D9D42) contains.

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Color

Hex(2D9D42)

Conversions

Conversions Part 1

Format	Color
Hex	2D9D42
RGB	45, 157, 66
RGB Percent	18%, 62%, 26%
CMY	0.8235, 0.3843, 0.7412
CMYK	0.71, 0.00, 0.58, 0.38
HSL	131°, 55%, 40%
HSV	131°, 71%, 62%
XYZ	14.1225, 25.0652, 9.2480
YIQ	113.1380, -37.5410, -52.0450

Conversions

Conversions Part 2

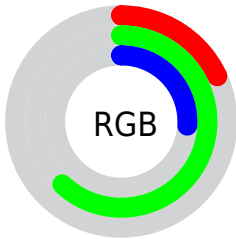
Format	Color
RYB	45, 139, 157
Decimal	2989378
CIELab	57.14, -50.43, 38.19
CIElCh	57, 63.255, 142.864
Yxy	25.0652, 0.2916, 0.5175
Android (android.graphics.Color)	4281179458 (0xFF2D9D42)
YUV	113.1380, -23.2390, -59.7570
Hunter-Lab	50.0651, -37.2622, 24.0936

Details

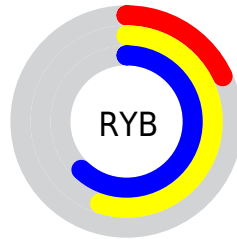
The Hex color **2D9D42** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9D2D88**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6BD575**, and **00680F** is the 20% darker color. If you saturate the color by 10%, you get **1D9D35**, and if you desaturate by 10%, it is **3D9D4F**.

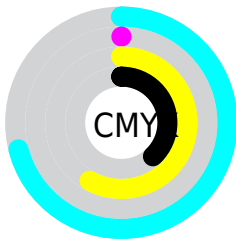
Distribution



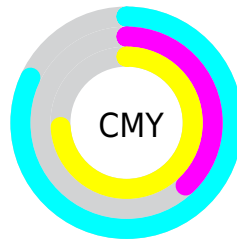
- Red (18%)
- Green (62%)
- Blue (26%)



- Red (18%)
- Yellow (55%)
- Blue (62%)



- Cyan (71%)
- Magenta (0%)
- Yellow (58%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9D42 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 2D9D42 by changing the saturation by 10% instead.

 2D9D42

 2D9D42

FFFFFF

 008229

 6BD575

 00680F

 87F18F

 004F00

 A4FFAA

 003700

 C1FFC6

 002100

 DFFFE2

 000000

 FCFFFF

 2D9D42

 2D9D42

 1D9D35

 3D9D4F

 0E9D28

 4C9D5C

 009D1D

 5C9D68

 6C9D75

 7C9D82

 8B9D8F

 9B9D9B

 AB9DA8

 BA9DB5

Harmonies

Analogous

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



7B930D



2D9D42



00A27A

Triad

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



2D9D42



0094F7



EB5662

Complementary

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



2D9D42



9D2D88

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.



E55399



2D9D42



6E80F0

Square

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



2D9D42



009FE1



BF67CD



D66B30

Rectangle

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



2D9D42



00A3A0



BF67CD



EC5274

Sweetspot

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



2D9D42



A1CCA9



889D2D



4D6651



E6E6E6



666666

Same Dimension

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



2D9D42



1DCC3D



2D9D7A



474F49



008F1B



000F03

Inverse Universe

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



9D2D88



CC1DAB



9D2D50



4F474E



8F0074



0F000C

Previews

White Background



This preview shows how the Hex color 2D9D42 looks on a white background.

Color Contrast Check

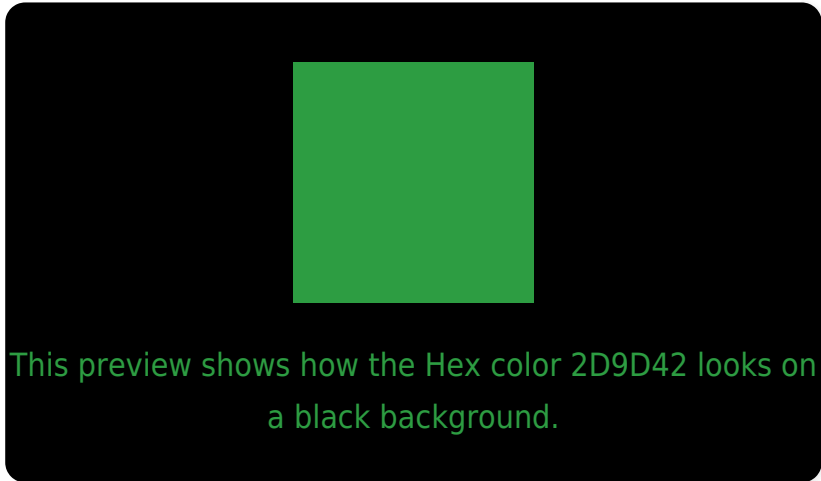
Large Text (above 18pt) WCAG AA ✓ Pass

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

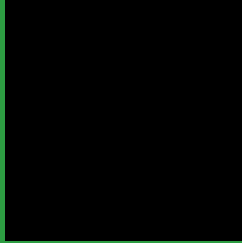
Any Text WCAG AA ✓ Pass

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 2D9D42 Background



This preview shows how black text looks on a background with the Hex color 2D9D42.



This preview shows how white text looks on a background with the Hex color 2D9D42.

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





Tritanopia
4A939F

Trichromacy



Original Color
2D9D42



Protanomaly
70903E



Deuteranomaly
7B8C47



Tritanomaly
3F977D

Monochromacy



Original Color
2D9D42



Achromatopsia
717171



Achromatomaly
588160

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9D42 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 #2D9D42 looks like.

```
.text, #text, p{  
    color:#2D9D42  
}
```

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 #2D9D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9D42
}
```

Border

The CSS property to change the border of an element to Hex 2D9D42 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
#2D9D42 }
```

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

```
.border{ border-color:#2D9D42 }
```

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

Here you see how a box with a 4 pixel #2D9D42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9D42; -webkit-box-shadow:4px 4px  
4px 4px #2D9D42; box-shadow:4px 4px 4px  
4px #2D9D42 }
```

Background

The CSS property to change the background color of an element to Hex 2D9D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9D42 }
```

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

```
.background{ background-color:#2D9D42 }
```

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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