

Converting Colors

Hex(2D9A49)

Have a look what the booklet for
Hex(2D9A49) contains.

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Color

Hex(2D9A49)

Conversions

Conversions Part 1

Format	Color
Hex	2D9A49
RGB	45, 154, 73
RGB Percent	18%, 60%, 29%
CMY	0.8235, 0.3961, 0.7137
CMYK	0.71, 0.00, 0.53, 0.40
HSL	135°, 55%, 39%
HSV	135°, 71%, 60%
XYZ	13.8404, 24.1501, 10.2353
YIQ	112.1750, -38.9630, -48.2990

Conversions

Conversions Part 2

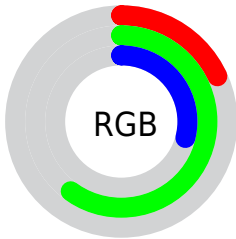
Format	Color
RYB	45, 132, 154
Decimal	2988617
CIELab	56.24, -48.32, 33.61
CIElCh	56, 58.859, 145.178
Yxy	24.1501, 0.2870, 0.5008
Android (android.graphics.Color)	4281178697 (0xFF2D9A49)
YUV	112.1750, -19.3133, -58.9125
Hunter-Lab	49.1428, -35.7278, 22.0512

Details

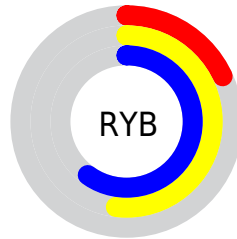
The Hex color **2D9A49** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9A2D7E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6AD17B**, and **006619** is the 20% darker color. If you saturate the color by 10%, you get **1E9A3E**, and if you desaturate by 10%, it is **3C9A54**.

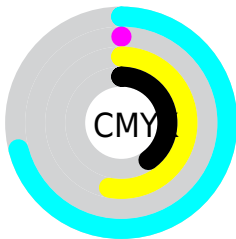
Distribution



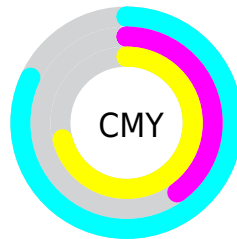
- Red (18%)
- Green (60%)
- Blue (29%)



- Red (18%)
- Yellow (52%)
- Blue (60%)



- Cyan (71%)
- Magenta (0%)
- Yellow (53%)
- Black (40%)



- Cyan (82%)
- Magenta (40%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9A49 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 2D9A49 by changing the saturation by 10% instead.

 2D9A49

 2D9A49

FFFFFF

 007F31

 6AD17B

 006619

 86EE96

 004D00

 A3FFB1

 003500

 C0FFCD

 001E00

 DDFFE9

 000000

 FBFFFF

 2D9A49

 2D9A49

 1E9A3E

 3C9A54

■ 0E9A32

■ 4C9A60

■ 009A28

■ 5B9A6B

■ 6B9A77

■ 7A9A82

■ 899A8E

■ 999A99

■ A89AA5

■ B89AB0

Harmonies

Analogous

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



76911E



2D9A49



009E7D

Triad

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



2D9A49



008FED



E15A5E

Complementary

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



2D9A49



9A2D7E

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.



DE5691



2D9A49



777DE4

Square

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



2D9A49



009ADA



BD66C2



CD6D32

Rectangle

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



2D9A49



009FA0



BD66C2



E3566F

Sweetspot

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



2D9A49



9FC9AA



7F9A2D



4D6653



E6E6E6



666666

Same Dimension

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



2D9A49



1EC94A



2D9A7F



454D47



008C24



000D03

Inverse Universe

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



9A2D7E



C91E9D



9A2D48



4D454B



8C0068



0D0009

Previews

White Background



This preview shows how the Hex color 2D9A49 looks on a white background.

Color Contrast Check

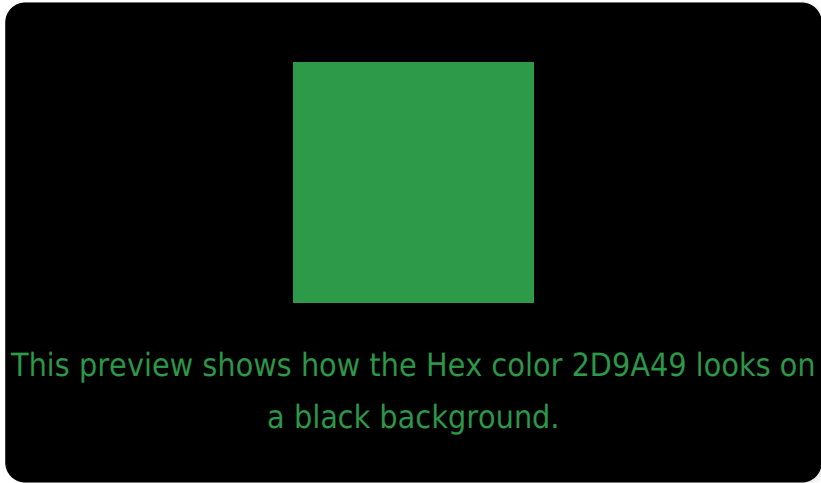
Large Text (above 18pt) WCAG AA ✓ Pass

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

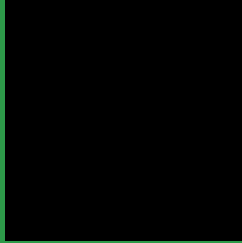
Any Text WCAG AA ✓ Pass

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 2D9A49 Background



This preview shows how black text looks on a background with the Hex color 2D9A49.



This preview shows how white text looks on a background with the Hex color 2D9A49.

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
2D9A49

Protanopia
948642

Deuteranopia
A28050



Tritanopia
49919D

Trichromacy



Original Color
2D9A49



Protanomaly
6F8D45



Deuteranomaly
77894D



Tritanomaly
3F947E

Monochromacy



Original Color
2D9A49



Achromatopsia
707070



Achromatomaly
587F62

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9A49 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 #2D9A49 looks like.

```
.text, #text, p{  
    color:#2D9A49  
}
```

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 #2D9A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9A49
}
```

Border

The CSS property to change the border of an element to Hex 2D9A49 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
#2D9A49 }
```

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

```
.border{ border-color:#2D9A49 }
```

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

Here you see how a box with a 4 pixel #2D9A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9A49; -webkit-box-shadow:4px 4px  
4px 4px #2D9A49; box-shadow:4px 4px 4px  
4px #2D9A49 }
```

Background

The CSS property to change the background color of an element to Hex 2D9A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9A49 }
```

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

```
.background{ background-color:#2D9A49 }
```

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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