

Converting Colors

Hex(2D9B49)

Have a look what the booklet for
Hex(2D9B49) contains.

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Color

Hex(2D9B49)

Conversions

Conversions Part 1

Format	Color
Hex	2D9B49
RGB	45, 155, 73
RGB Percent	18%, 61%, 29%
CMY	0.8235, 0.3922, 0.7137
CMYK	0.71, 0.00, 0.53, 0.39
HSL	135°, 55%, 39%
HSV	135°, 71%, 61%
XYZ	14.0061, 24.4816, 10.2906
YIQ	112.7620, -39.2380, -48.8220

Conversions

Conversions Part 2

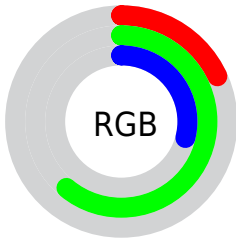
Format	Color
R_{YB}	45, 133, 155
Decimal	2988873
CIE _{Lab}	56.57, -48.69, 34.01
CIE _{LCh}	57, 59.395, 145.063
Yxy	24.4816, 0.2871, 0.5019
Android (android.graphics.Color)	4281178953 (0xFF2D9B49)
YUV	112.7620, -19.6027, -59.4273
Hunter-Lab	49.4789, -36.0596, 22.3042

Details

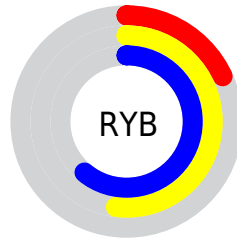
The Hex color **2D9B49** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9B2D7F**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6AD27B**, and **006619** is the 20% darker color. If you saturate the color by 10%, you get **1E9B3D**, and if you desaturate by 10%, it is **3D9B55**.

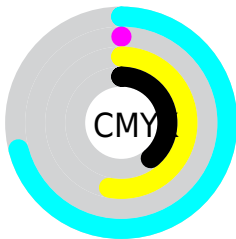
Distribution



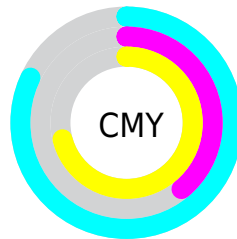
- Red (18%)
- Green (61%)
- Blue (29%)



- Red (18%)
- Yellow (52%)
- Blue (61%)



- Cyan (71%)
- Magenta (0%)
- Yellow (53%)
- Black (39%)



- Cyan (82%)
- Magenta (39%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9B49 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 2D9B49 by changing the saturation by 10% instead.

 2D9B49

 2D9B49

FFFFFF

 008031

 6AD27B

 006619

 86EF96

 004D00

 A3FFB1

 003500

 C0FFCD

 001F00

 DDFFE9

 000000

 FBFFFF

 2D9B49

 2D9B49

 1E9B3D

 3D9B55

 0E9B32

 4C9B60

 009B27

 5C9B6C

 6B9B77

 7B9B83

 8A9B8E

 9A9B9A

 A99BA5

 B99BB1

Harmonies

Analogous

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



77921D



2D9B49



009F7D

Triad

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



2D9B49



0090EF



E35A5F

Complementary

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



2D9B49



9B2D7F

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.



E05692



2D9B49



777EE6

Square

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



2D9B49



009BDC



BE66C4



CF6E32

Rectangle

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



2D9B49



00A0A1



BE66C4



E55670

Sweetspot

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



2D9B49



9FC9AA



809B2D



4D6653



E6E6E6



666666

Same Dimension

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



2D9B49



1EC94A



2D9B80



454D47



008C24



000D03

Inverse Universe

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



9B2D7F



C91E9E



9B2D49



4D454B



8C0069



0D000A

Previews

White Background



This preview shows how the Hex color 2D9B49 looks on a white background.

Color Contrast Check

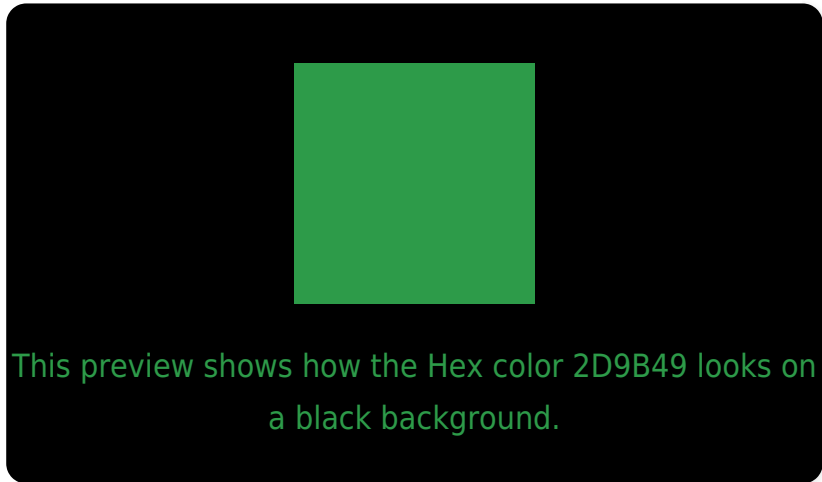
Large Text (above 18pt) WCAG AA ✓ Pass

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

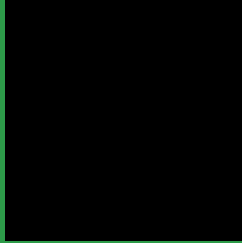
Any Text WCAG AA ✓ Pass

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 2D9B49 Background



This preview shows how black text looks on a background with the Hex color 2D9B49.

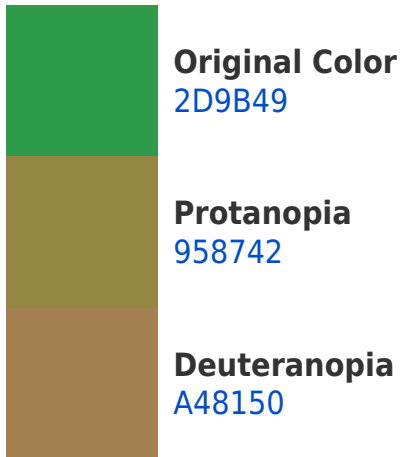


This preview shows how white text looks on a background with the Hex color 2D9B49.

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](#).

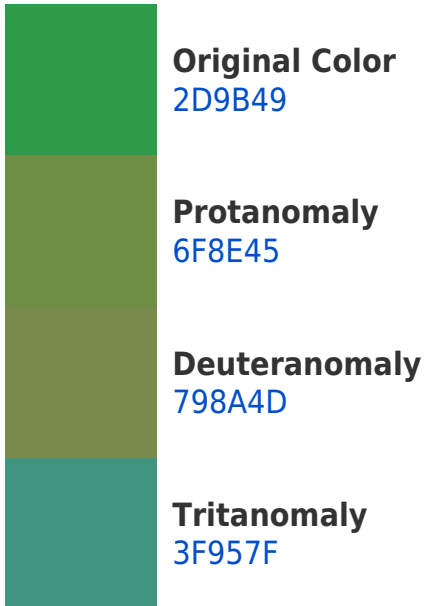
Dichromacy





Tritanopia
49929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9B49 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 #2D9B49 looks like.

```
.text, #text, p{  
    color:#2D9B49  
}
```

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 #2D9B49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9B49
}
```

Border

The CSS property to change the border of an element to Hex 2D9B49 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
#2D9B49 }
```

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

```
.border{ border-color:#2D9B49 }
```

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

Here you see how a box with a 4 pixel #2D9B49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9B49; -webkit-box-shadow:4px 4px  
4px 4px #2D9B49; box-shadow:4px 4px 4px  
4px #2D9B49 }
```

Background

The CSS property to change the background color of an element to Hex 2D9B49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9B49 }
```

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

```
.background{ background-color:#2D9B49 }
```

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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