

Converting Colors

Hex(2D9867)

Have a look what the booklet for
Hex(2D9867) contains.

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Color

Hex(2D9867)

Conversions

Conversions Part 1

Format	Color
Hex	2D9867
RGB	45, 152, 103
RGB Percent	18%, 60%, 40%
CMY	0.8235, 0.4039, 0.5961
CMYK	0.70, 0.00, 0.32, 0.40
HSL	153°, 54%, 39%
HSV	153°, 70%, 60%
XYZ	14.7586, 23.9936, 16.6853
YIQ	114.4210, -48.0430, -37.9230

Conversions

Conversions Part 2

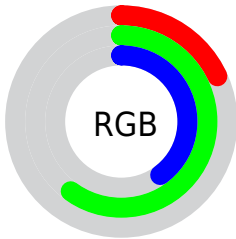
Format	Color
R_{YB}	45, 114, 152
Decimal	2988135
CIE _{Lab}	56.08, -41.95, 17.25
CIE _{LCh}	56, 45.361, 157.645
Yxy	23.9936, 0.2662, 0.4328
Android (android.graphics.Color)	4281178215 (0xFF2D9867)
YUV	114.4210, -5.6306, -60.8822
Hunter-Lab	48.9833, -31.9389, 14.0922

Details

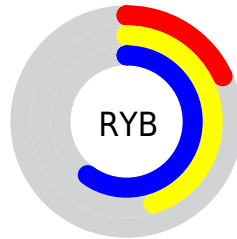
The Hex color **2D9867** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **982D5E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **69CF9A**, and **006438** is the 20% darker color. If you saturate the color by 10%, you get **1E9860**, and if you desaturate by 10%, it is **3C986E**.

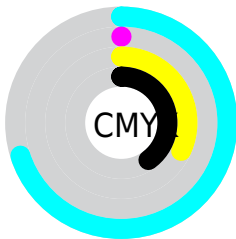
Distribution



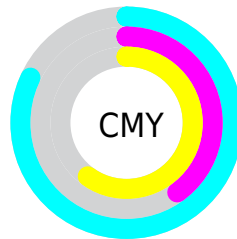
- Red (18%)
- Green (60%)
- Blue (40%)



- Red (18%)
- Yellow (45%)
- Blue (60%)



- Cyan (70%)
- Magenta (0%)
- Yellow (32%)
- Black (40%)



- Cyan (82%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9867 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 2D9867 by changing the saturation by 10% instead.

 2D9867

 2D9867

FFFFFF

 007E4F

 69CF9A

 006438

 85ECB5

 004B22

 A2FFD1

 00330C

 BEFFED

 001D00

 DBFFFF

 000000

 F9FFFF

 2D9867

 2D9867

 1E9860

 3C986E

0F9859

4B9875

009852

5B987C

6A9883

79988A

889891

979898

A7989F

B698A6

Harmonies

Analogous

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



6A9245



2D9867



009A90

Triad

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



2D9867



5287D4



CB6B58

Complementary

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



2D9867



982D5E

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.



D0647E



2D9867



9678C5

Square

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



2D9867



0093CF



BF6AA5



B57A3D

Rectangle

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



2D9867



009AAA



BF6AA5



CF6864

Sweetspot

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



2D9867



9BC4B1



5F982D



4B6358



E3E3E3



636363

Same Dimension

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



2D9867



1FC479



2D9498



454D49



008C4C



000D07

Inverse Universe

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



982D5E



C41F6B



98312D



4D4548



8C0040



0D0006

Previews

White Background



This preview shows how the Hex color 2D9867 looks on a white background.

Color Contrast Check

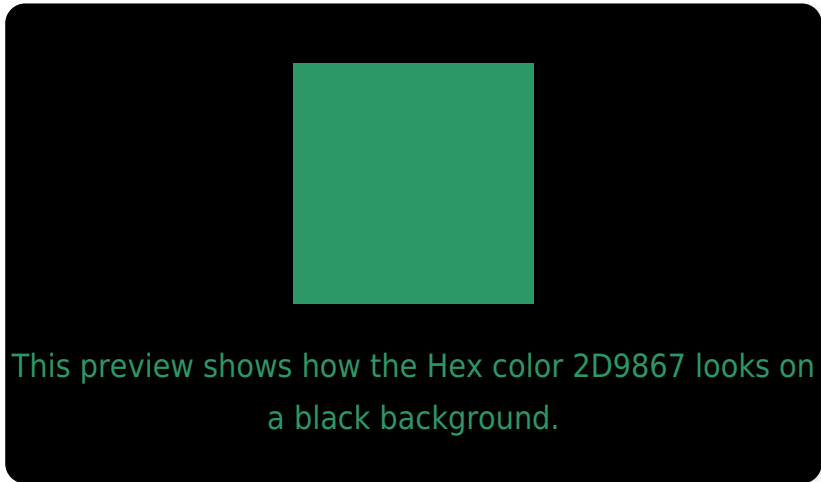
Large Text (above 18pt) WCAG AA ✓ Pass

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

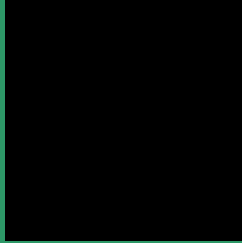
Any Text WCAG AA ✓ Pass

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 2D9867 Background



This preview shows how black text looks on a background with the Hex color 2D9867.




This preview shows how white text looks on a background with the Hex color 2D9867.

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](#).

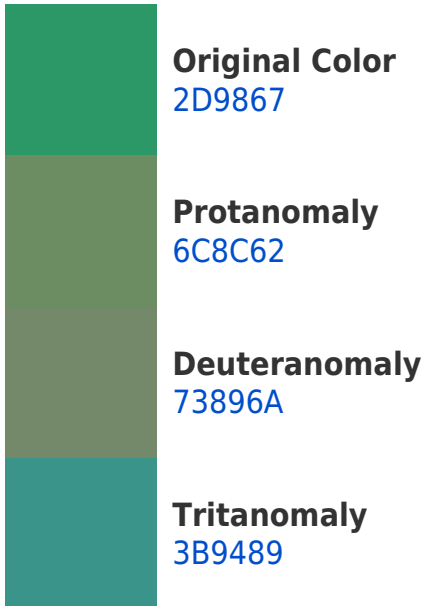
Dichromacy





Tritanopia
43919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9867 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 #2D9867 looks like.

```
.text, #text, p{  
    color:#2D9867  
}
```

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 #2D9867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9867
}
```

Border

The CSS property to change the border of an element to Hex 2D9867 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
#2D9867 }
```

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

```
.border{ border-color:#2D9867 }
```

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

Here you see how a box with a 4 pixel #2D9867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9867; -webkit-box-shadow:4px 4px  
4px 4px #2D9867; box-shadow:4px 4px 4px  
4px #2D9867 }
```

Background

The CSS property to change the background color of an element to Hex 2D9867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9867 }
```

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

```
.background{ background-color:#2D9867 }
```

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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