

Converting Colors

Hex(2D9F62)

Have a look what the booklet for
Hex(2D9F62) contains.

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Color

Hex(2D9F62)

Conversions

Conversions Part 1

Format	Color
Hex	2D9F62
RGB	45, 159, 98
RGB Percent	18%, 62%, 38%
CMY	0.8235, 0.3765, 0.6157
CMYK	0.72, 0.00, 0.38, 0.38
HSL	148°, 56%, 40%
HSV	148°, 72%, 62%
XYZ	15.6849, 26.2360, 15.7926
YIQ	117.9600, -48.3630, -43.1390

Conversions

Conversions Part 2

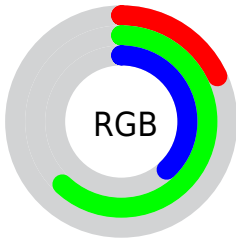
Format	Color
RYB	45, 123, 159
Decimal	2989922
CIELab	58.26, -45.83, 22.95
CIElCh	58, 51.261, 153.399
Yxy	26.2360, 0.2718, 0.4546
Android (android.graphics.Color)	4281180002 (0xFF2D9F62)
YUV	117.9600, -9.8403, -63.9859
Hunter-Lab	51.2211, -34.9766, 17.5743

Details

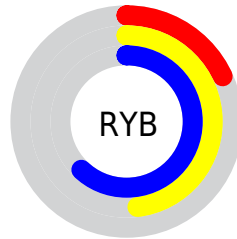
The Hex color **2D9F62** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9F2D6A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6AD795**, and **006A33** is the 20% darker color. If you saturate the color by 10%, you get **1D9F59**, and if you desaturate by 10%, it is **3D9F6B**.

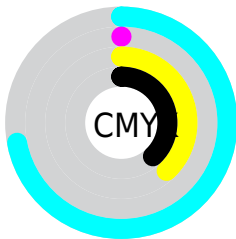
Distribution



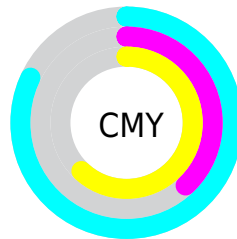
- Red (18%)
- Green (62%)
- Blue (38%)



- Red (18%)
- Yellow (48%)
- Blue (62%)



- Cyan (72%)
- Magenta (0%)
- Yellow (38%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9F62 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 2D9F62 by changing the saturation by 10% instead.



2D9F62



2D9F62

FFFFFF



00844A



6AD795



006A33



87F3B0



00511C



A4FFCC



003905



C1FFE8



002300



DEFFF



000000



FCFFF



2D9F62



2D9F62



1D9F59



3D9F6B

0D9F51

4D9F73

009F4A

5D9F7C

6D9F84

7D9F8D

8C9F95

9C9F9E

AC9FA6

BC9FAF

Harmonies

Analogous

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



72983D



2D9F62



00A290

Triad

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



2D9F62



368FE6



DB6B5D

Complementary

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



2D9F62



9F2D6A

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.



DD6489



2D9F62



957ED7

Square

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



2D9F62



009BDC



C76CB5



C47B3B

Rectangle

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



2D9F62



00A2AE



C76CB5



DE676B

Sweetspot

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



2D9F62



A1CFB6



6C9F2D



4D695A



E8E8E8



696969

Same Dimension

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



2D9F62



1DCF70



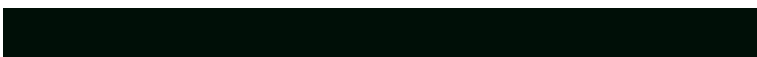
2D9F99



474F4B



008F42



000F07

Inverse Universe

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



9F2D6A



CF1D7C



9F2D33



4F474B



8F004C



0F0008

Previews

White Background



This preview shows how the Hex color 2D9F62 looks on a white background.

Color Contrast Check

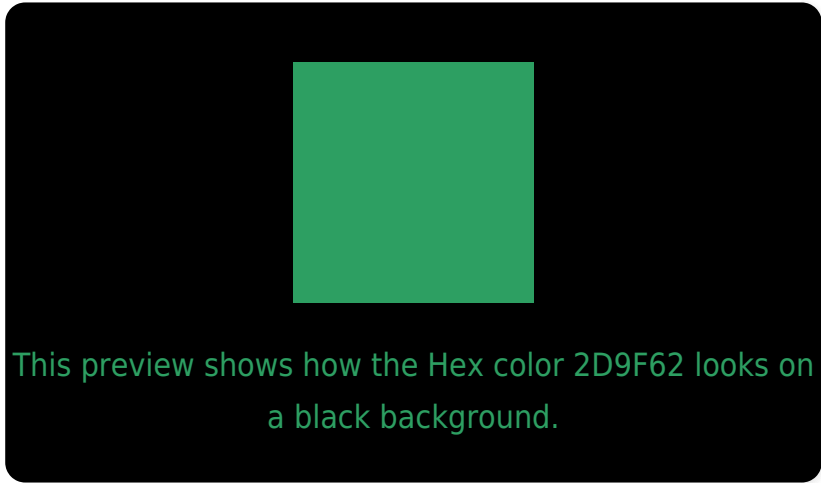
Large Text (above 18pt) WCAG AA ✓ Pass

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

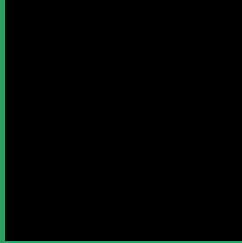
Any Text WCAG AA ✓ Pass

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 2D9F62 Background



This preview shows how black text looks on a background with the Hex color 2D9F62.

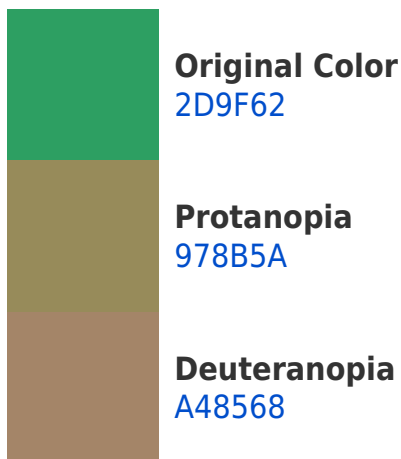


This preview shows how white text looks on a background with the Hex color 2D9F62.

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](#).

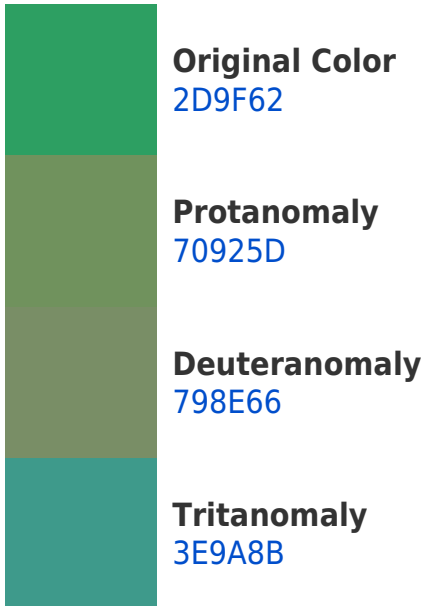
Dichromacy





Tritanopia
4797A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9F62 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 #2D9F62 looks like.

```
.text, #text, p{  
    color:#2D9F62  
}
```

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 #2D9F62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9F62
}
```

Border

The CSS property to change the border of an element to Hex 2D9F62 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
#2D9F62 }
```

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

```
.border{ border-color:#2D9F62 }
```

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

Here you see how a box with a 4 pixel #2D9F62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9F62; -webkit-box-shadow:4px 4px  
4px 4px #2D9F62; box-shadow:4px 4px 4px  
4px #2D9F62 }
```

Background

The CSS property to change the background color of an element to Hex 2D9F62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9F62 }
```

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

```
.background{ background-color:#2D9F62 }
```

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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