

Converting Colors

Hex(2A9F58)

Have a look what the booklet for
Hex(2A9F58) contains.

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Color

Hex(2A9F58)

Conversions

Conversions Part 1

Format	Color
Hex	2A9F58
RGB	42, 159, 88
RGB Percent	16%, 62%, 35%
CMY	0.8353, 0.3765, 0.6549
CMYK	0.74, 0.00, 0.45, 0.38
HSL	144°, 58%, 39%
HSV	144°, 74%, 62%
XYZ	15.1144, 25.9931, 13.4531
YIQ	115.9230, -46.9410, -46.8850

Conversions

Conversions Part 2

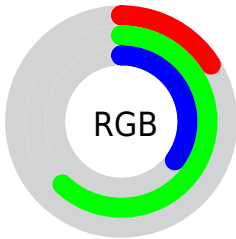
Format	Color
RYB	42, 126, 159
Decimal	2793304
CIELab	58.03, -48.21, 28.03
CIELCh	58, 55.764, 149.830
Yxy	25.9931, 0.2770, 0.4764
Android (android.graphics.Color)	4280983384 (0xFF2A9F58)
YUV	115.9230, -13.7660, -64.8305
Hunter-Lab	50.9834, -36.3033, 20.0435

Details

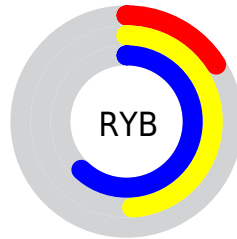
The Hex color **2A9F58** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9F2A71**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **68D78B**, and **006A29** is the 20% darker color. If you saturate the color by 10%, you get **1A9F4E**, and if you desaturate by 10%, it is **3A9F62**.

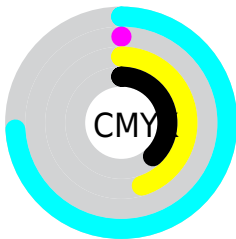
Distribution



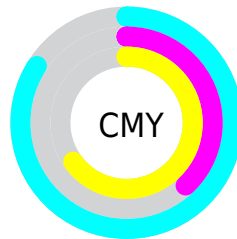
- Red (16%)
- Green (62%)
- Blue (35%)



- Red (16%)
- Yellow (49%)
- Blue (62%)



- Cyan (74%)
- Magenta (0%)
- Yellow (45%)
- Black (38%)



- Cyan (84%)
- Magenta (38%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A9F58 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 2A9F58 by changing the saturation by 10% instead.



2A9F58



2A9F58

FFFFFF



008440



68D78B



006A29



85F3A5



005112



A2FFC1



003900



BFFFDD



002300



DCFFFA



000000



FAFFFF



2A9F58



2A9F58



1A9F4E



3A9F62

■ 0A9F45

■ 4A9F6B

■ 009F3F

■ 5A9F75

■ 6A9F7F

■ 7A9F88

■ 899F92

■ 999F9C

■ A99FA5

■ B99FAF

Harmonies

Analogous

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



749730



2A9F58



00A38A

Triad

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



2A9F58



0091ED



E1645E

Complementary

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



2A9F58



9F2A71

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.



E25E8E



2A9F58



8B7FE0

Square

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



2A9F58



009DDF



C66ABD



CB7636

Rectangle

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



2A9F58



00A3AB



C66ABD



E4606D

Sweetspot

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



2A9F58



A1CFB3



729F2A



4D6958



E8E8E8



696969

Same Dimension

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



2A9F58



19CF60



2A9F91



474F4A



008F38



000F06

Inverse Universe

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



9F2A71



CF1987



9F2A38



4F474C



8F0057



0F0009

Previews

White Background



This preview shows how the Hex color 2A9F58 looks on a white background.

Color Contrast Check

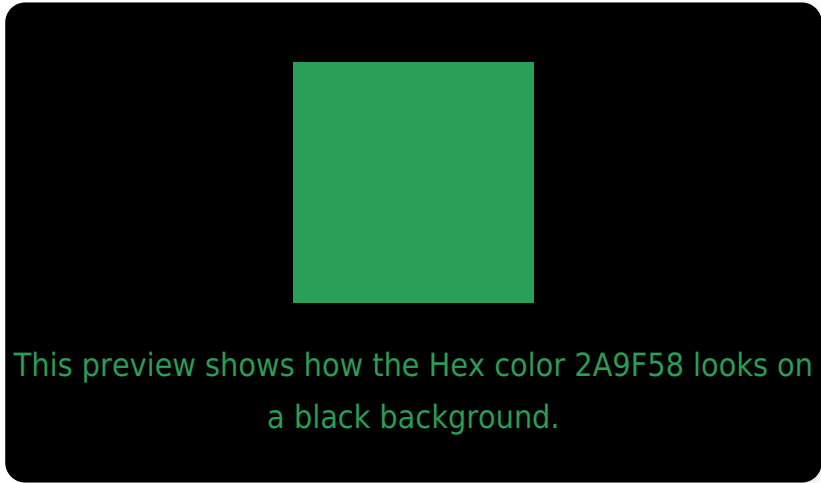
Large Text (above 18pt) WCAG AA ✓ Pass

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

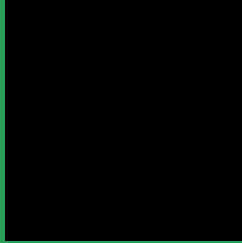
Any Text WCAG AA ✓ Pass

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 2A9F58 Background



This preview shows how black text looks on a background with the Hex color 2A9F58.



This preview shows how white text looks on a background with the Hex color 2A9F58.

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](#).

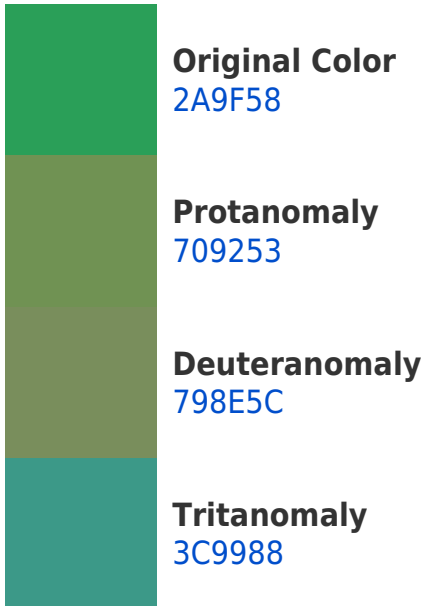
Dichromacy



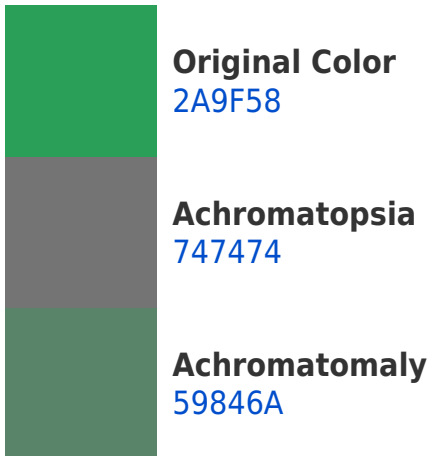


Tritanopia
4796A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A9F58 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 #2A9F58 looks like.

```
.text, #text, p{  
    color:#2A9F58  
}
```

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 #2A9F58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A9F58
}
```

Border

The CSS property to change the border of an element to Hex 2A9F58 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
#2A9F58 }
```

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

```
.border{ border-color:#2A9F58 }
```

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

Here you see how a box with a 4 pixel #2A9F58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A9F58; -webkit-box-shadow:4px 4px  
4px 4px #2A9F58; box-shadow:4px 4px 4px  
4px #2A9F58 }
```

Background

The CSS property to change the background color of an element to Hex 2A9F58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A9F58 }
```

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

```
.background{ background-color:#2A9F58 }
```

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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