

Converting Colors

Hex(2A9C51)

Have a look what the booklet for
Hex(2A9C51) contains.

Hex(2A9C51)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A9C51)

Conversions

Conversions Part 1

Format	Color
Hex	2A9C51
RGB	42, 156, 81
RGB Percent	16%, 61%, 32%
CMY	0.8353, 0.3882, 0.6824
CMYK	0.73, 0.00, 0.48, 0.39
HSL	141°, 58%, 39%
HSV	141°, 73%, 61%
XYZ	14.3285, 24.8633, 11.8285
YIQ	113.3640, -43.8690, -47.4930

Conversions

Conversions Part 2

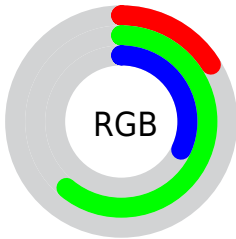
Format	Color
R_{YB}	42, 127, 156
Decimal	2792529
CIE _{Lab}	56.94, -48.30, 30.33
CIE _{LCh}	57, 57.032, 147.870
Yxy	24.8633, 0.2808, 0.4873
Android (android.graphics.Color)	4280982609 (0xFF2A9C51)
YUV	113.3640, -15.9555, -62.5862
Hunter-Lab	49.8631, -35.9671, 20.8394

Details

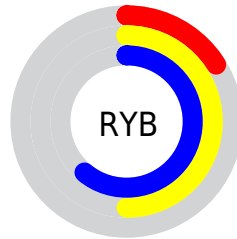
The Hex color **2A9C51** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9C2A75**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **68D484**, and **006722** is the 20% darker color. If you saturate the color by 10%, you get **1A9C47**, and if you desaturate by 10%, it is **3A9C5B**.

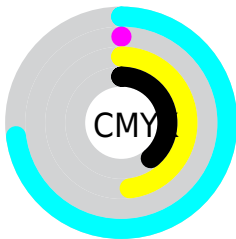
Distribution



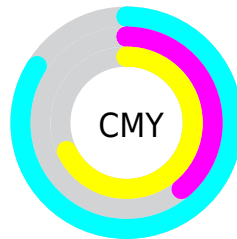
- Red (16%)
- Green (61%)
- Blue (32%)



- Red (16%)
- Yellow (50%)
- Blue (61%)



- Cyan (73%)
- Magenta (0%)
- Yellow (48%)
- Black (39%)



- Cyan (84%)
- Magenta (39%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A9C51 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 2A9C51 by changing the saturation by 10% instead.



2A9C51



2A9C51

FFFFFF



008139



68D484



006722



85F09E



004E09



A1FFB9



003600



BEFFD5



002000



DCFF2



000000



F9FFFF



2A9C51



2A9C51



1A9C47



3A9C5B

■ 0B9C3C

■ 499C66

■ 009C35

■ 599C70

■ 689C7A

■ 789C84

■ 889C8F

■ 979C99

■ A79CA3

■ B69CAD

Harmonies

Analogous

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



749328



2A9C51



00A083

Triad

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



2A9C51



008FEC



E05F5D

Complementary

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



2A9C51



9C2A75

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.



DF598E



2A9C51



827DE1

Square

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



2A9C51



009BDC



C167BE



CB7233

Rectangle

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



2A9C51



00A0A6



C167BE



E35B6D

Sweetspot

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



2A9C51



9FCCA8



769C2A



4B6655



E6E6E6



666666

Same Dimension

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



2A9C51



18CC56



2A9C89



474F4A



008F31



000F05

Inverse Universe

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



9C2A75



CC188F



9C2A3D



4F474C



8F005E



0F000A

Previews

White Background



This preview shows how the Hex color 2A9C51 looks on a white background.

Color Contrast Check

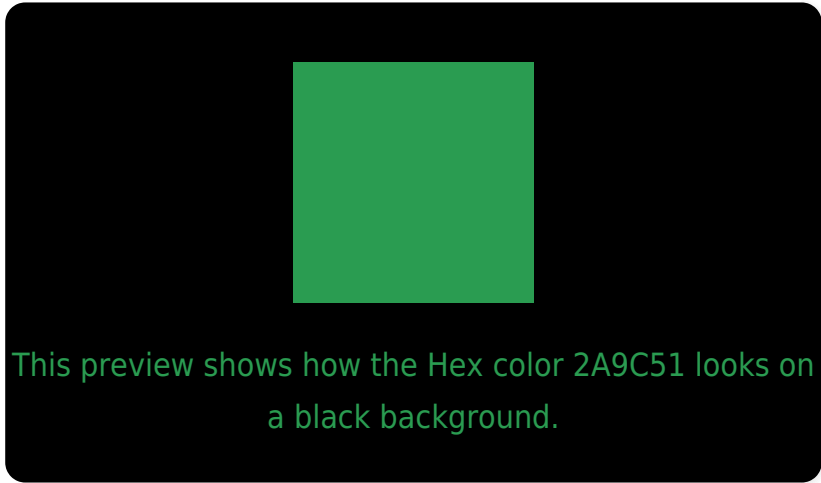
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A9C51 Background



This preview shows how black text looks on a background with the Hex color 2A9C51.



This preview shows how white text looks on a background with the Hex color 2A9C51.

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](#).

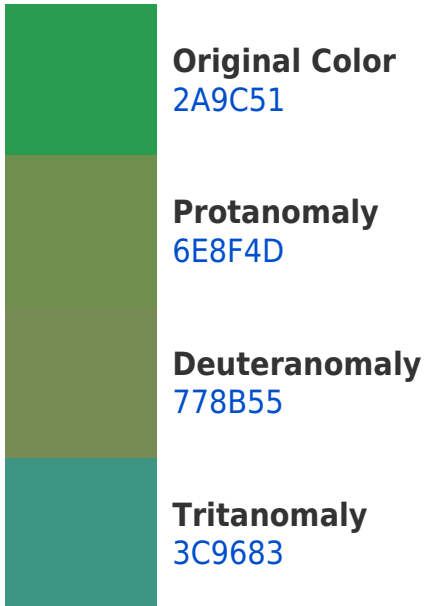
Dichromacy



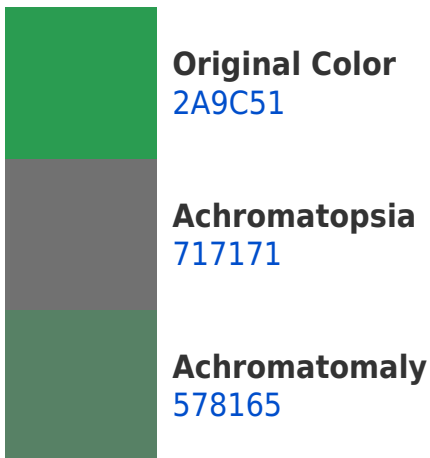


Tritanopia
47939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A9C51 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 #2A9C51 looks like.

```
.text, #text, p{  
    color:#2A9C51  
}
```

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 #2A9C51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A9C51
}
```

Border

The CSS property to change the border of an element to Hex 2A9C51 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
#2A9C51 }
```

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

```
.border{ border-color:#2A9C51 }
```

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

Here you see how a box with a 4 pixel #2A9C51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A9C51; -webkit-box-shadow:4px 4px  
4px 4px #2A9C51; box-shadow:4px 4px 4px  
4px #2A9C51 }
```

Background

The CSS property to change the background color of an element to Hex 2A9C51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A9C51 }
```

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

```
.background{ background-color:#2A9C51 }
```

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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