

Converting Colors

Hex(2CA949)

Have a look what the booklet for
Hex(2CA949) contains.

Hex(2CA949)	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(2CA949)

Conversions

Conversions Part 1

Format	Color
Hex	2CA949
RGB	44, 169, 73
RGB Percent	17%, 66%, 29%
CMY	0.8275, 0.3373, 0.7137
CMYK	0.74, 0.00, 0.57, 0.34
HSL	134°, 59%, 42%
HSV	134°, 74%, 66%
XYZ	16.4293, 29.3924, 11.1107
YIQ	120.6810, -43.6840, -56.3560

Conversions

Conversions Part 2

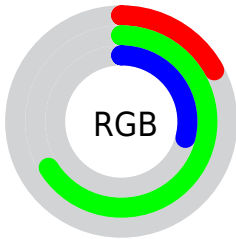
Format	Color
R_{YB}	44, 145, 169
Decimal	2926921
CIE _{Lab}	61.13, -53.92, 39.52
CIE _{LCh}	61, 66.848, 143.762
Yxy	29.3924, 0.2886, 0.5163
Android (android.graphics.Color)	4281117001 (0xFF2CA949)
YUV	120.6810, -23.5067, -67.2492
Hunter-Lab	54.2148, -40.7832, 25.7995

Details

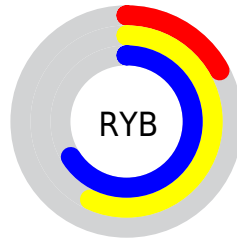
The Hex color **2CA949** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A92C8C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6CE17C**, and **007316** is the 20% darker color. If you saturate the color by 10%, you get **1BA93C**, and if you desaturate by 10%, it is **3DA956**.

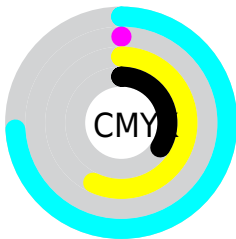
Distribution



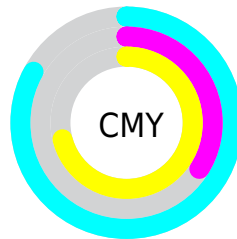
- Red (17%)
- Green (66%)
- Blue (29%)



- Red (17%)
- Yellow (57%)
- Blue (66%)



- Cyan (74%)
- Magenta (0%)
- Yellow (57%)
- Black (34%)



- Cyan (83%)
- Magenta (34%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CA949 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 2CA949 by changing the saturation by 10% instead.



2CA949



2CA949

FFFFFF



008E30



6CE17C



007316



8AFE97



005A00



A7FFB2



004100



C4FFCE



002B00



E2FFEB



000800



000000



2CA949



2CA949



1BA93C



3DA956

0AA92F

4EA963

00A927

5FA970

70A97D

80A98A

91A997

A2A9A4

B3A9B1

C4A9BE

Harmonies

Analogous

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



839E10



2CA949



00AE85

Triad

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



2CA949



009EFF



FC5D68

Complementary

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



2CA949



A92C8C

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.



F659A2



2CA949



7A89FF

Square

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



2CA949



00AAF2



CF6EDA



E57433

Rectangle

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



2CA949



00AFAE



CF6EDA



FD587B

Sweetspot

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



2CA949



ABDDB6



8EA92C



516E58



EDEDED



6E6E6E

Same Dimension

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



2CA949



18DB45



2CA986



4C544E



009422



001405

Inverse Universe

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



A92C8C



DB18AE



A92C4F



544C52



940072



140010

Previews

White Background



This preview shows how the Hex color 2CA949 looks on a white background.

Color Contrast Check

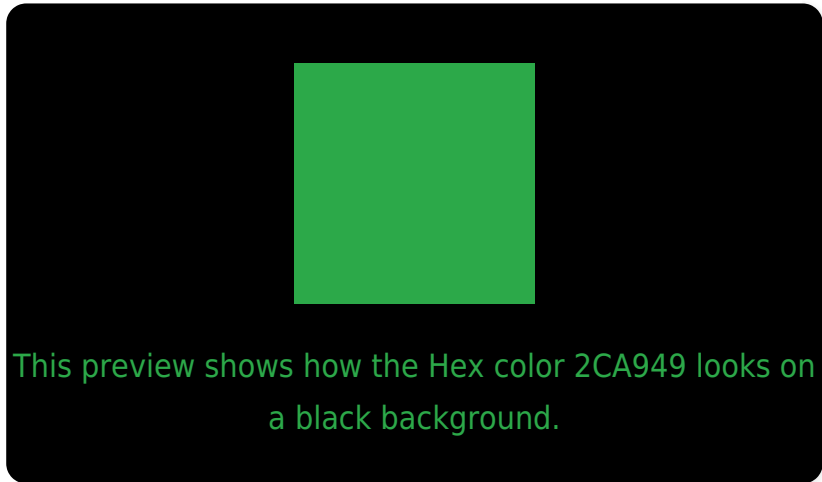
Large Text (above 18pt) WCAG AA ✓ Pass

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 2CA949 Background



This preview shows how black text looks on a background with the Hex color 2CA949.



This preview shows how white text looks on a background with the Hex color 2CA949.

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



Original Color
2CA949

Protanopia
A39342

Deuteranopia
B38C51



Tritanopia
4E9FAC

Trichromacy



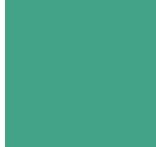
Original Color
2CA949



Protanomaly
789B45



Deuteranomaly
82974E



Tritanomaly
42A388

Monochromacy



Original Color
2CA949



Achromatopsia
797979



Achromatomaly
5D8A68

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CA949 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 #2CA949 looks like.

```
.text, #text, p{  
    color:#2CA949  
}
```

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 #2CA949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CA949
}
```

Border

The CSS property to change the border of an element to Hex 2CA949 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
#2CA949 }
```

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

```
.border{ border-color:#2CA949 }
```

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

Here you see how a box with a 4 pixel #2CA949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CA949; -webkit-box-shadow:4px 4px  
4px 4px #2CA949; box-shadow:4px 4px 4px  
4px #2CA949 }
```

Background

The CSS property to change the background color of an element to Hex 2CA949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CA949 }
```

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

```
.background{ background-color:#2CA949 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor