

Converting Colors

Hex(2CA929)

Have a look what the booklet for
Hex(2CA929) contains.

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Color

Hex(2CA929)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2CA929 |
| RGB | 44, 169, 41 |
| RGB Percent | 17%, 66%, 16% |
| CMY | 0.8275, 0.3373, 0.8392 |
| CMYK | 0.74, 0.00, 0.76, 0.34 |
| HSL | 119°, 61%, 41% |
| HSV | 119°, 76%, 66% |
| XYZ | 15.6269, 29.0715, 6.8856 |
| YIQ | 117.0330, -33.4120, -66.3080 |

Conversions

Conversions Part 2

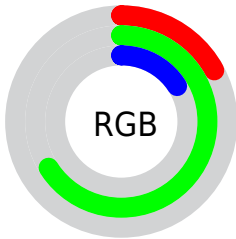
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 41, 169, 166 |
| Decimal | 2926889 |
| CIE _{Lab} | 60.84, -57.31, 52.81 |
| CIE _{LCh} | 61, 77.933, 137.342 |
| Yxy | 29.0715, 0.3029, 0.5636 |
| Android (android.graphics.Color) | 4281116969 (0xFF2CA929) |
| YUV | 117.0330, -37.4843, -64.0499 |
| Hunter-Lab | 53.9180, -42.6223, 30.1710 |

Details

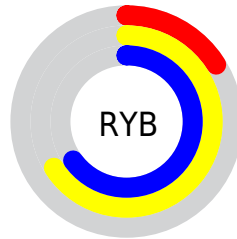
The Hex color **2CA929** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A629A9**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6EE15F**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **1BA918**, and if you desaturate by 10%, it is **3DA93A**.

Distribution



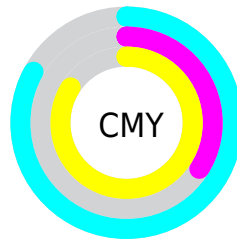
- Red (17%)
- Green (66%)
- Blue (16%)



- Red (16%)
- Yellow (66%)
- Blue (65%)



- Cyan (74%)
- Magenta (0%)
- Yellow (76%)
- Black (34%)



- Cyan (83%)
- Magenta (34%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CA929 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 2CA929 by changing the saturation by 10% instead.

 2CA929

 2CA929

FFFFFF

 008E04

 6EE15F

 007300

 8CFF7A

 005A00

 A9FF95

 004100

 C7FFB1

 002A00

 E5FFCD

 000600

 FFFFEA

 000000

 2CA929

 2CA929

 1BA918

 3DA93A

■ 0BA907

■ 4DA94B

■ 04A900

■ 5EA95C

■ 6EA96D

■ 7FA97D

■ 8FA98E

■ A0A99F

■ B0A9B0

■ C1A9C1

Harmonies

Analogous

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



8B9C00



2CA929



00B072

Triad

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



2CA929



00A3FF



FF466E

Complementary

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



2CA929



A629A9

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.



FE49B3



2CA929



3F8DFF

Square

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



2CA929



00AEF7



C66CF1



F6652D

Rectangle

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



2CA929



00B1A2



C66CF1



FF4185

Sweetspot

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



2CA929



AADBA9



A9A529



506E4F



EDEDED



6E6E6E

Same Dimension

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



2CA929



18DB14



29A965



4C544C



039400



001400

Inverse Universe

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



A629A9



D714DB



A9296D



544C54



900094



140014

Previews

White Background



This preview shows how the Hex color 2CA929 looks on a white background.

Color Contrast Check

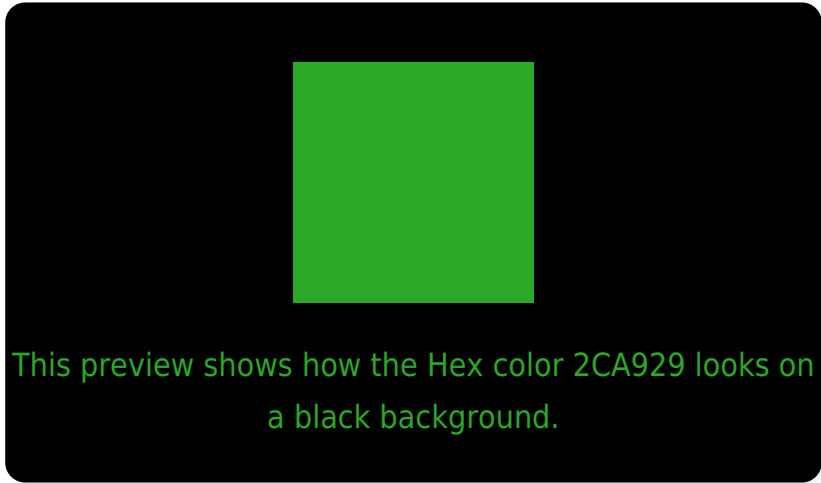
Large Text (above 18pt) WCAG AA ✓ Pass

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 2CA929 Background



This preview shows how black text looks on a background with the Hex color 2CA929.

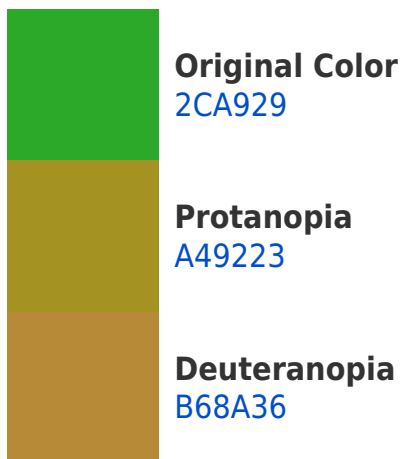


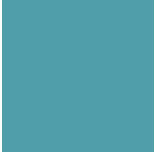
This preview shows how white text looks on a background with the Hex color 2CA929.

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
509EAA

Trichromacy



Original Color
2CA929



Protanomaly
789A25



Deuteranomaly
849531



Tritanomaly
43A27B

Monochromacy



Original Color
2CA929



Achromatopsia
757575



Achromatomaly
5A8859

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CA929 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 #2CA929 looks like.

```
.text, #text, p{  
    color:#2CA929  
}
```

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 #2CA929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CA929
}
```

Border

The CSS property to change the border of an element to Hex 2CA929 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
#2CA929 }
```

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

```
.border{ border-color:#2CA929 }
```

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

Here you see how a box with a 4 pixel #2CA929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CA929; -webkit-box-shadow:4px 4px  
4px 4px #2CA929; box-shadow:4px 4px 4px  
4px #2CA929 }
```

Background

The CSS property to change the background color of an element to Hex 2CA929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CA929 }
```

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

```
.background{ background-color:#2CA929 }
```

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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