

Converting Colors

Hex(2CA04A)

Have a look what the booklet for
Hex(2CA04A) contains.

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Color

Hex(2CA04A)

Conversions

Conversions Part 1

Format	Color
Hex	2CA04A
RGB	44, 160, 74
RGB Percent	17%, 63%, 29%
CMY	0.8275, 0.3725, 0.7098
CMYK	0.72, 0.00, 0.54, 0.37
HSL	136°, 57%, 40%
HSV	136°, 72%, 63%
XYZ	14.8455, 26.1715, 10.7477
YIQ	115.5120, -41.5300, -51.3380

Conversions

Conversions Part 2

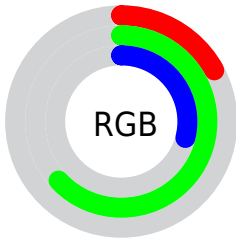
Format	Color
RYB	44, 136, 160
Decimal	2924618
CIELab	58.20, -50.55, 35.50
CIElCh	58, 61.774, 144.923
Yxy	26.1715, 0.2868, 0.5056
Android (android.graphics.Color)	4281114698 (0xFF2CA04A)
YUV	115.5120, -20.4654, -62.7160
Hunter-Lab	51.1581, -37.7278, 23.3545

Details

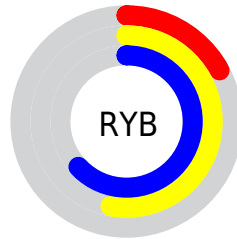
The Hex color **2CA04A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A02C82**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6AD87D**, and **006B19** is the 20% darker color. If you saturate the color by 10%, you get **1CA03E**, and if you desaturate by 10%, it is **3CA056**.

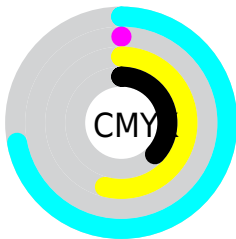
Distribution



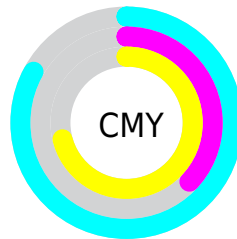
- Red (17%)
- Green (63%)
- Blue (29%)



- Red (17%)
- Yellow (53%)
- Blue (63%)



- Cyan (72%)
- Magenta (0%)
- Yellow (54%)
- Black (37%)



- Cyan (83%)
- Magenta (37%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CA04A 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 2CA04A by changing the saturation by 10% instead.

 2CA04A

 2CA04A


FFFFFF

 008532

 6AD87D

 006B19

 87F597

 005200

 A4FFB2

 003900

 C1FFCE

 002300

 DFFFEB

 000000

 FCFFFF

 2CA04A

 2CA04A

 1CA03E

 3CA056

0CA032

4CA062

00A029

5CA06E

6CA079

7CA085

8CA091

9CA09D

ACA0A9

BCA0B5

Harmonies

Analogous

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



7B961B



2CA04A



00A581

Triad

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



2CA04A



0095F8



EB5B62

Complementary

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



2CA04A



A02C82

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.



E85797



2CA04A



7A81EF

Square

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



2CA04A



00A0E4



C469CB



D67032

Rectangle

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



2CA04A



00A5A6



C469CB



ED5773

Sweetspot

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



2CA04A



A3D1AF



83A02C



4D6954



E8E8E8



696969

Same Dimension

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



2CA04A



1BD14A



2CA083



474F49



008F25



000F04

Inverse Universe

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



A02C82



D11BA2



A02C49



4F474D



8F006A



0F000B

Previews

White Background



This preview shows how the Hex color 2CA04A looks on a white background.

Color Contrast Check

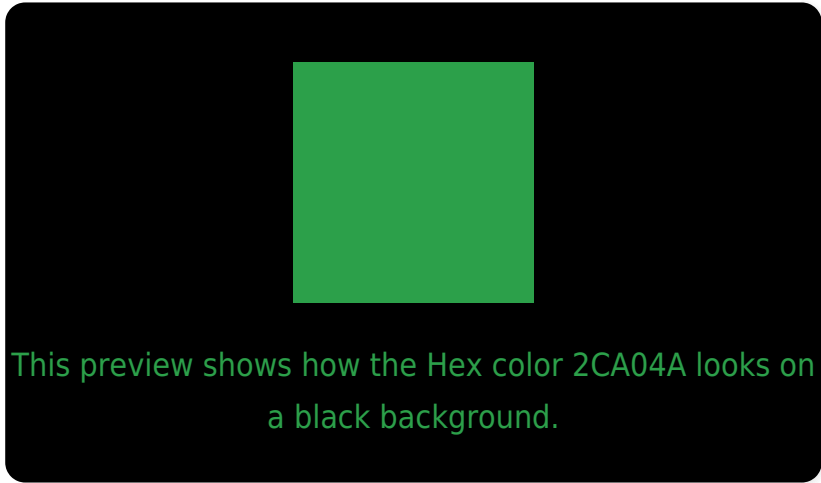
Large Text (above 18pt) WCAG AA ✓ Pass

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 2CA04A Background



This preview shows how black text looks on a background with the Hex color 2CA04A.



This preview shows how white text looks on a background with the Hex color 2CA04A.

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
2CA04A

Protanopia
9A8B43

Deuteranopia
A98551



Tritanopia
4A97A3

Trichromacy



Original Color
2CA04A



Protanomaly
729346



Deuteranomaly
7C8F4E



Tritanomaly
3F9A83

Monochromacy



Original Color
2CA04A



Achromatopsia
747474



Achromatomaly
5A8465

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CA04A 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 #2CA04A looks like.

```
.text, #text, p{  
    color:#2CA04A  
}
```

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 #2CA04A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CA04A
}
```

Border

The CSS property to change the border of an element to Hex 2CA04A 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
#2CA04A }
```

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

```
.border{ border-color:#2CA04A }
```

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

Here you see how a box with a 4 pixel #2CA04A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CA04A; -webkit-box-shadow:4px 4px  
4px 4px #2CA04A; box-shadow:4px 4px 4px  
4px #2CA04A }
```

Background

The CSS property to change the background color of an element to Hex 2CA04A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CA04A }
```

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

```
.background{ background-color:#2CA04A }
```

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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