

Converting Colors

Hex(2CAE4D)

Have a look what the booklet for
Hex(2CAE4D) contains.

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Color

Hex(2CAE4D)

Conversions

Conversions Part 1

Format	Color
Hex	2CAE4D
RGB	44, 174, 77
RGB Percent	17%, 68%, 30%
CMY	0.8275, 0.3176, 0.6980
CMYK	0.75, 0.00, 0.56, 0.32
HSL	135°, 60%, 43%
HSV	135°, 75%, 68%
XYZ	17.5143, 31.3434, 12.1480
YIQ	124.0720, -46.3430, -57.7270

Conversions

Conversions Part 2

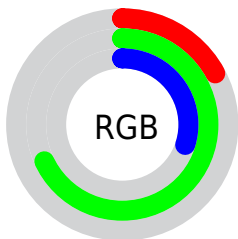
Format	Color
RYB	44, 148, 174
Decimal	2928205
CIELab	62.80, -55.11, 39.57
CIElCh	63, 67.850, 144.320
Yxy	31.3434, 0.2871, 0.5138
Android (android.graphics.Color)	4281118285 (0xFF2CAE4D)
YUV	124.0720, -23.2065, -70.2231
Hunter-Lab	55.9852, -42.1324, 26.3246

Details

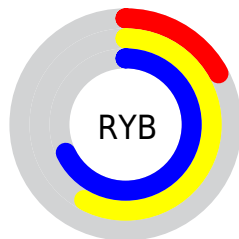
The Hex color **2CAE4D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AE2C8D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6DE780**, and **00781B** is the 20% darker color. If you saturate the color by 10%, you get **1BAE40**, and if you desaturate by 10%, it is **3DAE5A**.

Distribution



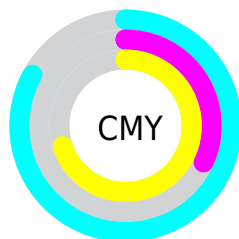
- Red (17%)
- Green (68%)
- Blue (30%)



- Red (17%)
- Yellow (58%)
- Blue (68%)



- Cyan (75%)
- Magenta (0%)
- Yellow (56%)
- Black (32%)



- Cyan (83%)
- Magenta (32%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CAE4D 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 2CAE4D by changing the saturation by 10% instead.

 2CAE4D

 2CAE4D

FFFFFF

 009334

 6DE780

 00781B

 8BFF9B

 005E00

 A8FFB6

 004500

 C6FFD3

 002F00

 E4FFE4

 001100

 000000

 2CAE4D

 2CAE4D

 1BAE40

 3DAE5A

■ 09AE33

■ 4FAE67

■ 00AE2C

■ 60AE74

■ 72AE81

■ 83AE8E

■ 94AE9B

■ A6AEA8

■ B7AEB5

■ C9AEC2

Harmonies

Analogous

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



86A314



2CAE4D



00B38A

Triad

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



2CAE4D



00A2FF



FF616A

Complementary

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



2CAE4D



AE2C8D

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.



FD5CA6



2CAE4D



818DFF

Square

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



2CAE4D



00AFF9



D571DF



EA7834

Rectangle

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



2CAE4D



00B4B4



D571DF



FF5C7E

Sweetspot

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



2CAE4D



B1E3BE



8EAE2C



55735C



F2F2F2



737373

Same Dimension

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



2CAE4D



17E34B



2CAE8E



4E5750



009626



001706

Inverse Universe

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



AE2C8D



E317AF



AE2C4D



574E54



960070



170011

Previews

White Background



This preview shows how the Hex color 2CAE4D looks on a white background.

Color Contrast Check

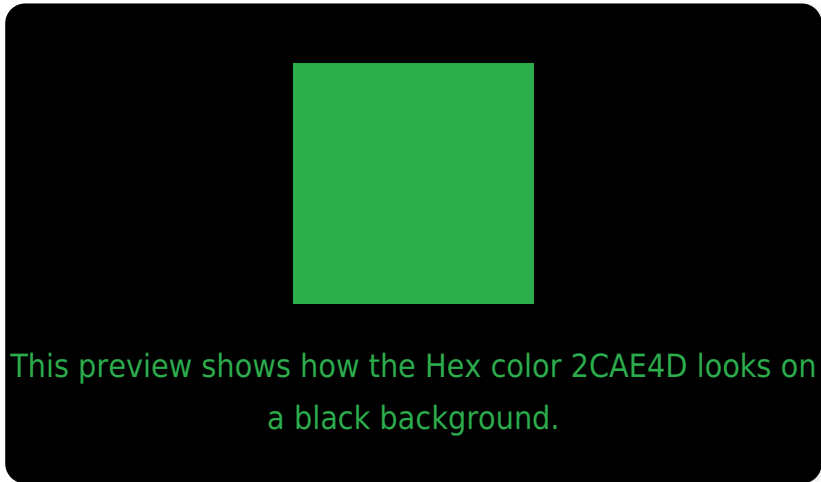
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2CAE4D Background



This preview shows how black text looks on a background with the Hex color 2CAE4D.

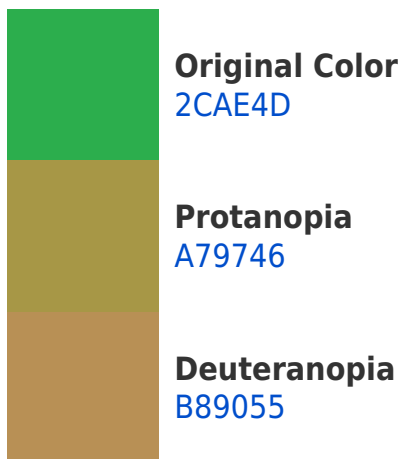


This preview shows how white text looks on a background with the Hex color 2CAE4D.

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](#).

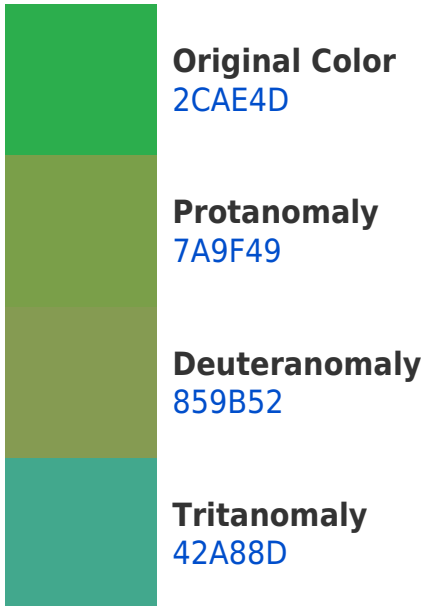
Dichromacy



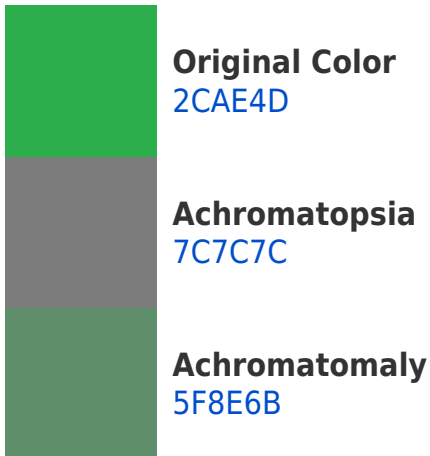


Tritanopia
4FA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2CAE4D 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 #2CAE4D looks like.

```
.text, #text, p{  
    color:#2CAE4D  
}
```

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 #2CAE4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CAE4D
}
```

Border

The CSS property to change the border of an element to Hex 2CAE4D 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
#2CAE4D }
```

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

```
.border{ border-color:#2CAE4D }
```

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

Here you see how a box with a 4 pixel #2CAE4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CAE4D; -webkit-box-shadow:4px 4px  
4px 4px #2CAE4D; box-shadow:4px 4px 4px  
4px #2CAE4D }
```

Background

The CSS property to change the background color of an element to Hex 2CAE4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CAE4D }
```

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

```
.background{ background-color:#2CAE4D }
```

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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