

Converting Colors

Hex(2CE45A)

Have a look what the booklet for
Hex(2CE45A) contains.

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Color

Hex(2CE45A)

Conversions

Conversions Part 1

Format	Color
Hex	2CE45A
RGB	44, 228, 90
RGB Percent	17%, 89%, 35%
CMY	0.8275, 0.1059, 0.6471
CMYK	0.81, 0.00, 0.61, 0.11
HSL	135°, 77%, 53%
HSV	135°, 81%, 89%
XYZ	30.6276, 56.7605, 19.0145
YIQ	157.2520, -65.3660, -81.9260

Conversions

Conversions Part 2

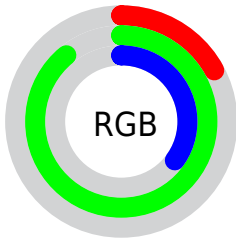
Format	Color
RYB	44, 191, 228
Decimal	2942042
CIELab	80.04, -71.20, 53.80
CIELCh	80, 89.239, 142.921
Yxy	56.7605, 0.2878, 0.5335
Android (android.graphics.Color)	4281132122 (0xFF2CE45A)
YUV	157.2520, -33.1552, -99.3220
Hunter-Lab	75.3395, -59.2791, 37.7738

Details

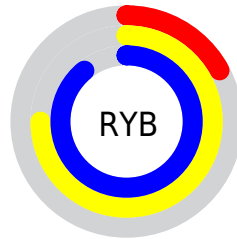
The Hex color **2CE45A** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E42CB6**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **7AFF90**, and **00AB22** is the 20% darker color. If you saturate the color by 10%, you get **15E449**, and if you desaturate by 10%, it is **43E46B**.

Distribution



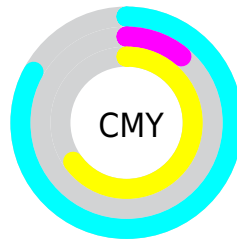
- Red (17%)
- Green (89%)
- Blue (35%)



- Red (17%)
- Yellow (75%)
- Blue (89%)



- Cyan (81%)
- Magenta (0%)
- Yellow (61%)
- Black (11%)



- Cyan (83%)
- Magenta (11%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CE45A 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 2CE45A by changing the saturation by 10% instead.

 2CE45A

 2CE45A

FFFFFF

 00C73F

 7AFF90

 00AB22

 9AFFAC

 008F00

 BAFFC8

 007400

 D9FFE5

 005A00

 F8FFFF

 004100

 002800

 000000

 2CE45A

 2CE45A

 15E449

 43E46B

 00E439

 5AE47C

 70E48D

 87E49E

 9EE4AF

 B5E4C1

 CCE4D2

 E2E4E3

 F9E4F4

Harmonies

Analogous

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



B0D500



2CE45A



00EBAF

Triad

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



2CE45A



00D6FF



FF758B

Complementary

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



2CE45A



E42CB6

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.



FF70DE



2CE45A



9AB9FF

Square

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



2CE45A



00E7FF



FF91FF



FF983E

Rectangle

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



2CE45A



00EDE9



FF91FF



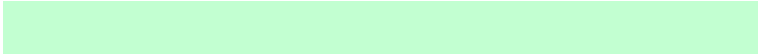
FF6EA6

Sweetspot

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



2CE45A



C2FFD1



B6E42C



5B8064



000000



808080

Same Dimension

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



2CE45A



08FF45



2CE4B6



67736A



00B32D



00330D

Inverse Universe

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



E42CB6



FF08C1



E42C5A



736770



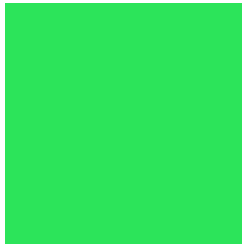
B30086



330026

Previews

White Background



This preview shows how the Hex color 2CE45A 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



This preview shows how the Hex color 2CE45A looks on a 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 2CE45A Background



This preview shows how black text looks on a background with the Hex color 2CE45A.

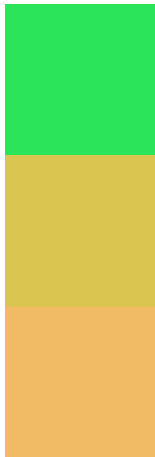


This preview shows how white text looks on a background with the Hex color 2CE45A.

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](#).

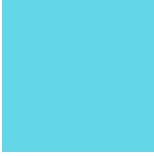
Dichromacy



Original Color
2CE45A

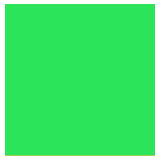
Protanopia
DBC551

Deuteranopia
F1BB66



Tritanopia
63D6E7

Trichromacy



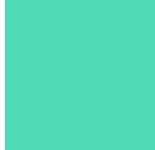
Original Color
2CE45A



Protanomaly
9BD054



Deuteranomaly
A9CA62



Tritanomaly
4FDDB4

Monochromacy



Original Color
2CE45A



Achromatopsia
9D9D9D



Achromatomaly
74B785

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CE45A 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 #2CE45A looks like.

```
.text, #text, p{  
    color:#2CE45A  
}
```

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 #2CE45A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CE45A
}
```

Border

The CSS property to change the border of an element to Hex 2CE45A 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
#2CE45A }
```

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

```
.border{ border-color:#2CE45A }
```

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

Here you see how a box with a 4 pixel #2CE45A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CE45A; -webkit-box-shadow:4px 4px  
4px 4px #2CE45A; box-shadow:4px 4px 4px  
4px #2CE45A }
```

Background

The CSS property to change the background color of an element to Hex 2CE45A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CE45A }
```

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

```
.background{ background-color:#2CE45A }
```

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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