

Converting Colors

Hex(2CE167)

Have a look what the booklet for
Hex(2CE167) contains.

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Color

Hex(2CE167)

Conversions

Conversions Part 1

Format	Color
Hex	2CE167
RGB	44, 225, 103
RGB Percent	17%, 88%, 40%
CMY	0.8275, 0.1176, 0.5961
CMYK	0.80, 0.00, 0.54, 0.12
HSL	140°, 75%, 53%
HSV	140°, 80%, 88%
XYZ	30.4121, 55.3652, 21.9156
YIQ	156.9730, -68.7140, -76.3140

Conversions

Conversions Part 2

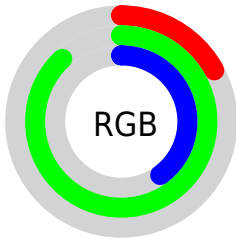
Format	Color
RYB	44, 181, 225
Decimal	2941287
CIELab	79.25, -68.58, 47.02
CIELCh	79, 83.150, 145.567
Yxy	55.3652, 0.2824, 0.5141
Android (android.graphics.Color)	4281131367 (0xFF2CE167)
YUV	156.9730, -26.6087, -99.0773
Hunter-Lab	74.4078, -57.2567, 34.6225

Details

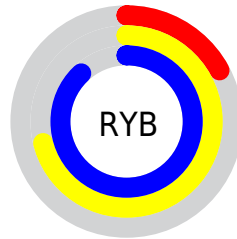
The Hex color **2CE167** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E12CA6**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **79FF9D**, and **00A833** is the 20% darker color. If you saturate the color by 10%, you get **16E158**, and if you desaturate by 10%, it is **43E176**.

Distribution



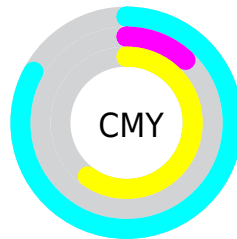
- Red (17%)
- Green (88%)
- Blue (40%)



- Red (17%)
- Yellow (71%)
- Blue (88%)



- Cyan (80%)
- Magenta (0%)
- Yellow (54%)
- Black (12%)



- Cyan (83%)
- Magenta (12%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CE167 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 2CE167 by changing the saturation by 10% instead.

 2CE167

 2CE167

FFFFFF

 00C44D

 79FF9D

 00A833

 99FFB8

 008D16

 B8FFD5

 007200

 D7FFF1

 005800

 F6FFFF

 003F00

 002600

 000000

 2CE167

 2CE167

 16E158

 43E176

 00E149

 59E185

 6FE194

 86E1A4

 9DE1B3

 B3E1C2

 CAE1D1

 E0E1E0

 F7E1EF

Harmonies

Analogous

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



A9D41C



2CE167



00E7B6

Triad

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



2CE167



00D1FF



FF7E86

Complementary

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



2CE167



E12CA6

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.



FF76D3



2CE167



ACB5FF

Square

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



2CE167



00E1FF



FF91FF



FF9D41

Rectangle

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



2CE167



00E8EC



FF91FF



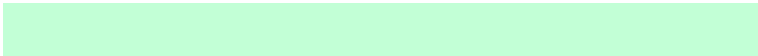
FF779F

Sweetspot

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



2CE167



C2FFD6



A8E12C



5B8067



000000



808080

Same Dimension

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



2CE167



08FF58



2CE1C0



657069



00B039



003010

Inverse Universe

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



E12CA6



FF08AE



E12C4D



70656D



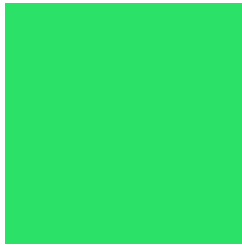
B00077



300021

Previews

White Background



This preview shows how the Hex color 2CE167 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 2CE167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

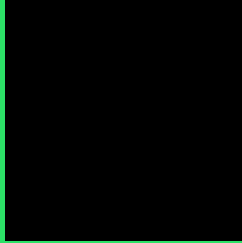
Any Text WCAG AA ✓ Pass

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 2CE167 Background



This preview shows how black text looks on a background with the Hex color 2CE167.

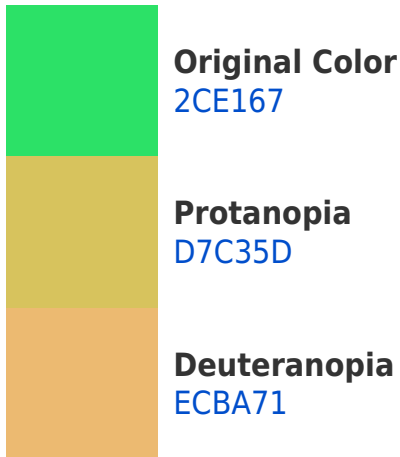


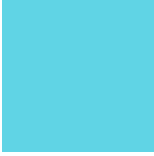
This preview shows how white text looks on a background with the Hex color 2CE167.

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
60D4E5

Trichromacy



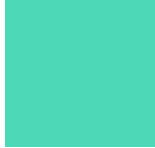
Original Color
2CE167



Protanomaly
99CE61



Deuteranomaly
A6C86D



Tritanomaly
4DD9B7

Monochromacy



Original Color
2CE167



Achromatopsia
9D9D9D



Achromatomaly
74B689

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CE167 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 #2CE167 looks like.

```
.text, #text, p{  
    color:#2CE167  
}
```

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 #2CE167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CE167
}
```

Border

The CSS property to change the border of an element to Hex 2CE167 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
#2CE167 }
```

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

```
.border{ border-color:#2CE167 }
```

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

Here you see how a box with a 4 pixel #2CE167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CE167; -webkit-box-shadow:4px 4px  
4px 4px #2CE167; box-shadow:4px 4px 4px  
4px #2CE167 }
```

Background

The CSS property to change the background color of an element to Hex 2CE167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CE167 }
```

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

```
.background{ background-color:#2CE167 }
```

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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