

Converting Colors

Hex(2CE875)

Have a look what the booklet for
Hex(2CE875) contains.

Hex(2CE875)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2CE875)

Conversions

Conversions Part 1

Format	Color
Hex	2CE875
RGB	44, 232, 117
RGB Percent	17%, 91%, 46%
CMY	0.8275, 0.0902, 0.5412
CMYK	0.81, 0.00, 0.50, 0.09
HSL	143°, 80%, 54%
HSV	143°, 81%, 91%
XYZ	33.1062, 59.5331, 26.5758
YIQ	162.6780, -75.1330, -75.6210

Conversions

Conversions Part 2

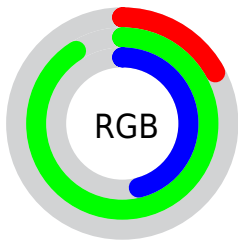
Format	Color
RYB	44, 179, 232
Decimal	2943093
CIELab	81.58, -68.82, 43.26
CIELCh	82, 81.288, 147.848
Yxy	59.5331, 0.2777, 0.4994
Android (android.graphics.Color)	4281133173 (0xFF2CE875)
YUV	162.6780, -22.5193, -104.0806
Hunter-Lab	77.1577, -58.4365, 33.5888

Details

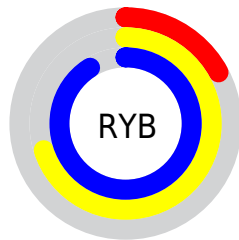
The Hex color **2CE875** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **E82C9F**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **7AFFAB**, and **00AF41** is the 20% darker color. If you saturate the color by 10%, you get **15E867**, and if you desaturate by 10%, it is **43E883**.

Distribution



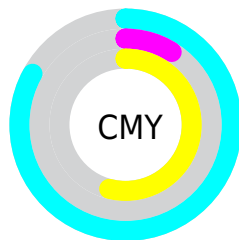
- Red (17%)
- Green (91%)
- Blue (46%)



- Red (17%)
- Yellow (70%)
- Blue (91%)



- Cyan (81%)
- Magenta (0%)
- Yellow (50%)
- Black (9%)



- Cyan (83%)
- Magenta (9%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CE875 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 2CE875 by changing the saturation by 10% instead.

 2CE875

 2CE875


FFFFFF

 00CB5B

 7AFFAB

 00AF41

 9AFFC7

 009328

 BAFFE3

 007809

 D9FFFF

 005E00

 F8FFFF

 004400

 002C00

 000B00

 000000

 2CE875

 2CE875

 15E867

 43E883

 00E85A

 5AE891

 72E8A0

 89E8AE

 A0E8BC

 B7E8CA

 CEE8D8

 E6E8E7

 FDE8F5

Harmonies

Analogous

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



ABDB31



2CE875



00EEC3

Triad

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



2CE875



00D5FF



FF8988

Complementary

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



2CE875



E82C9F

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.



FF7FD4



2CE875



BFB9FF

Square

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



2CE875



00E7FF



FF96FF



FFA747

Rectangle

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



2CE875



00EFF7



FF96FF



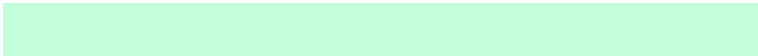
FF82A1

Sweetspot

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



2CE875



C2FFDA



A0E82C



5B8069



000000



808080

Same Dimension

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



2CE875



08FF68



2CE8D2



67736C



00B345



003314

Inverse Universe

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



E82C9F



FF089F



E82C42



73676E



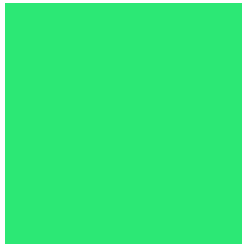
B3006D



33001F

Previews

White Background



This preview shows how the Hex color 2CE875 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 2CE875 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 2CE875 Background



This preview shows how black text looks on a background with the Hex color 2CE875.

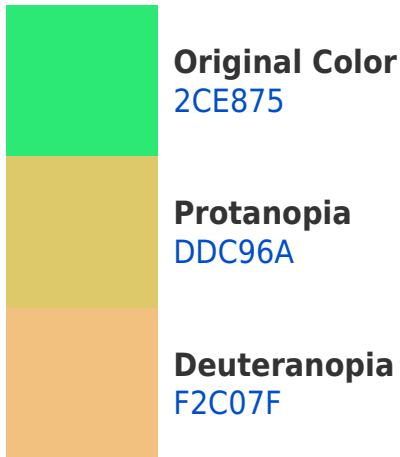


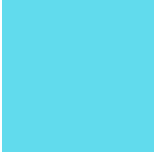
This preview shows how white text looks on a background with the Hex color 2CE875.

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](#).

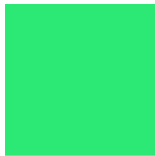
Dichromacy





Tritanopia
61DBED

Trichromacy



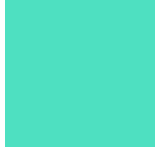
Original Color
2CE875



Protanomaly
9DD46E



Deuteranomaly
AACF7B



Tritanomaly
4EE0C1

Monochromacy



Original Color
2CE875



Achromatopsia
A3A3A3



Achromatomaly
78BC92

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CE875 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 #2CE875 looks like.

```
.text, #text, p{  
    color:#2CE875  
}
```

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 #2CE875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CE875
}
```

Border

The CSS property to change the border of an element to Hex 2CE875 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
#2CE875 }
```

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

```
.border{ border-color:#2CE875 }
```

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

Here you see how a box with a 4 pixel #2CE875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CE875; -webkit-box-shadow:4px 4px  
4px 4px #2CE875; box-shadow:4px 4px 4px  
4px #2CE875 }
```

Background

The CSS property to change the background color of an element to Hex 2CE875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CE875 }
```

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

```
.background{ background-color:#2CE875 }
```

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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