

Converting Colors

Hex(2CE270)

Have a look what the booklet for
Hex(2CE270) contains.

Hex(2CE270)	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(2CE270)

Conversions

Conversions Part 1

Format	Color
Hex	2CE270
RGB	44, 226, 112
RGB Percent	17%, 89%, 44%
CMY	0.8275, 0.1137, 0.5608
CMYK	0.81, 0.00, 0.50, 0.11
HSL	142°, 76%, 53%
HSV	142°, 81%, 89%
XYZ	31.1597, 56.0980, 24.5150
YIQ	158.5860, -71.8780, -74.0380

Conversions

Conversions Part 2

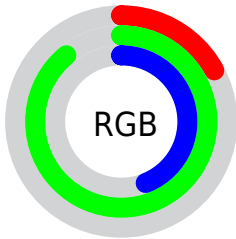
Format	Color
RYB	44, 176, 226
Decimal	2941552
CIELab	79.67, -67.61, 43.28
CIELCh	80, 80.270, 147.375
Yxy	56.0980, 0.2788, 0.5019
Android (android.graphics.Color)	4281131632 (0xFF2CE270)
YUV	158.5860, -22.9669, -100.4919
Hunter-Lab	74.8986, -56.8121, 33.0229

Details

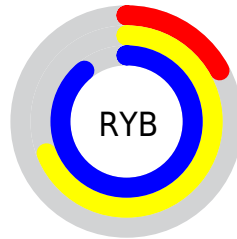
The Hex color **2CE270** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E22C9E**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **79FFA6**, and **00A93D** is the 20% darker color. If you saturate the color by 10%, you get **15E262**, and if you desaturate by 10%, it is **43E27E**.

Distribution



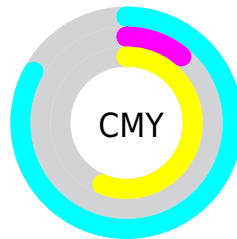
- Red (17%)
- Green (89%)
- Blue (44%)



- Red (17%)
- Yellow (69%)
- Blue (89%)



- Cyan (81%)
- Magenta (0%)
- Yellow (50%)
- Black (11%)



- Cyan (83%)
- Magenta (11%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CE270 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 2CE270 by changing the saturation by 10% instead.

 2CE270

 2CE270

FFFFFF

 00C556

 79FFA6

 00A93D

 99FFC1

 008E23

 B8FFDE

 007302

 D7FFFB

 005900

 F6FFFF

 003F00

 002700

 000000

 2CE270

 2CE270

 15E262

 43E27E

 00E254

 59E28C

 70E29A

 86E2A9

 9DE2B7

 B4E2C5

 CAE2D3

 E1E2E1

 F7E2EF

Harmonies

Analogous

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



A7D52D



2CE270



00E8BC

Triad

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



2CE270



00D0FF



FF8485

Complementary

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



2CE270



E22C9E

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.



FF7BCF



2CE270



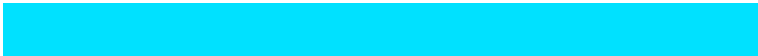
B8B4FF

Square

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



2CE270



00E1FF



FF92FF



FFA244

Rectangle

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



2CE270



00E9F0



FF92FF



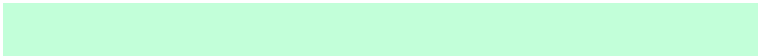
FF7D9D

Sweetspot

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



2CE270



C2FFD9



9FE22C



5B8068



000000



808080

Same Dimension

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



2CE270



08FF64



2CE2CA



657069



00B042



003012

Inverse Universe

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



E22C9E



FF08A3



E22C44



70656C



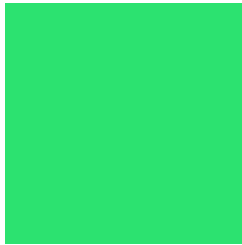
B0006E



30001E

Previews

White Background



This preview shows how the Hex color 2CE270 looks on a white background.

Color Contrast Check

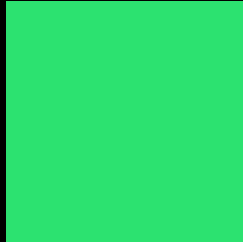
Large Text (above 18pt) WCAG AA × Fail

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 2CE270 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

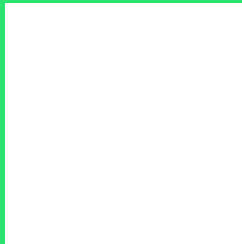
Any Text WCAG AAA ✓ Pass

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

Hex 2CE270 Background



This preview shows how black text looks on a background with the Hex color 2CE270.

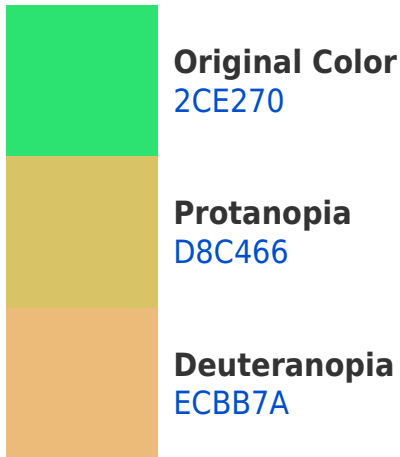


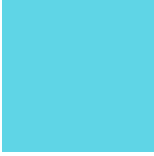
This preview shows how white text looks on a background with the Hex color 2CE270.

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
5FD5E6

Trichromacy



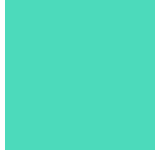
Original Color
2CE270



Protanomaly
99CF6A



Deuteranomaly
A6C976



Tritanomaly
4CDABB

Monochromacy



Original Color
2CE270



Achromatopsia
9F9F9F



Achromatomaly
75B78E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CE270 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 #2CE270 looks like.

```
.text, #text, p{  
    color:#2CE270  
}
```

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 #2CE270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CE270
}
```

Border

The CSS property to change the border of an element to Hex 2CE270 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
#2CE270 }
```

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

```
.border{ border-color:#2CE270 }
```

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

Here you see how a box with a 4 pixel #2CE270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CE270; -webkit-box-shadow:4px 4px  
4px 4px #2CE270; box-shadow:4px 4px 4px  
4px #2CE270 }
```

Background

The CSS property to change the background color of an element to Hex 2CE270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CE270 }
```

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

```
.background{ background-color:#2CE270 }
```

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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