

Converting Colors

Hex(2CEFAB)

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

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Color

Hex(2CEFAB)

Conversions

Conversions Part 1

Format	Color
Hex	2CEFAB
RGB	44, 239, 171
RGB Percent	17%, 94%, 67%
CMY	0.8275, 0.0627, 0.3294
CMYK	0.82, 0.00, 0.28, 0.06
HSL	159°, 86%, 55%
HSV	159°, 82%, 94%
XYZ	39.2559, 65.2088, 49.0456
YIQ	172.9430, -94.3920, -62.4880

Conversions

Conversions Part 2

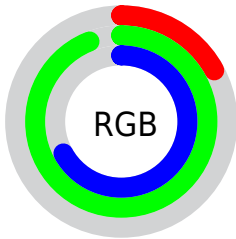
Format	Color
RYB	44, 162, 239
Decimal	2944939
CIELab	84.59, -61.23, 20.12
CIELCh	85, 64.448, 161.808
Yxy	65.2088, 0.2557, 0.4248
Android (android.graphics.Color)	4281135019 (0xFF2CEFAB)
YUV	172.9430, -0.9579, -113.0830
Hunter-Lab	80.7519, -54.5418, 20.5159

Details

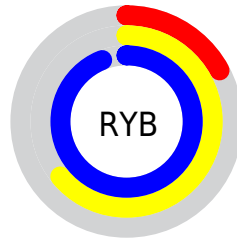
The Hex color **2CEFAB** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **EF2C70**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **7BFFE3**, and **00B677** is the 20% darker color. If you saturate the color by 10%, you get **14EFA3**, and if you desaturate by 10%, it is **44EFB3**.

Distribution



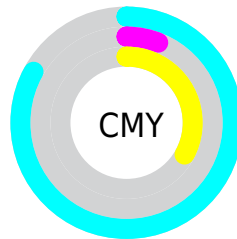
- Red (17%)
- Green (94%)
- Blue (67%)



- Red (17%)
- Yellow (64%)
- Blue (94%)



- Cyan (82%)
- Magenta (0%)
- Yellow (28%)
- Black (6%)



- Cyan (83%)
- Magenta (6%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 2CEFAB

 2CEFAB

FFFFFF

 00D290

 7BFFE3

 00B677

 9CFFF

 009A5E

 BCFFF

 007F46

 DBFFF

 00652F

 FBFFF

 004B19

 003400

 001900

 000000

 2CEFAB

 2CEFAB

 14EFA3

 44EFB3

 00EF9C

 5CEFB3

 74EFC4

 8CE FCC

 A3EFD5

 BB EFDD

 D3E FE5

 EB EFEE

 FF EFF6

Harmonies

Analogous

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



9CE774



2CEFAB



00F2EA

Triad

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



2CEFAB



94D1FF



FFAC85

Complementary

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



2CEFAB



EF2C70

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.



FF9EBD



2CEFAB



F7B9FF

Square

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



2CEFAB



00E4FF



FFA4FB



FFC35D

Rectangle

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



2CEFAB



00F0FF



FFA4FB



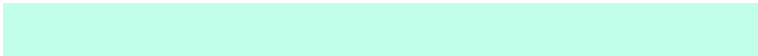
FFA696

Sweetspot

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



2CEFAB



C2FFEA



70EF2C



5B8073



000000



808080

Same Dimension

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



2CEFAB



05FFA8



2CD2EF



6C7874



00B878



003825

Inverse Universe

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



EF2C70



FF055C



EF492C



786C70



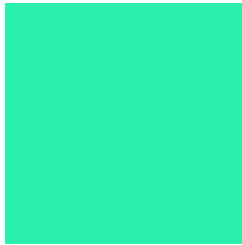
B80040



380014

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

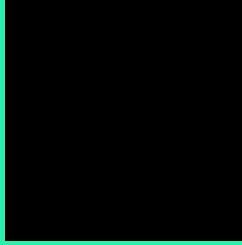
Any Text WCAG AA ✓ Pass

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 2CEFAB Background



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

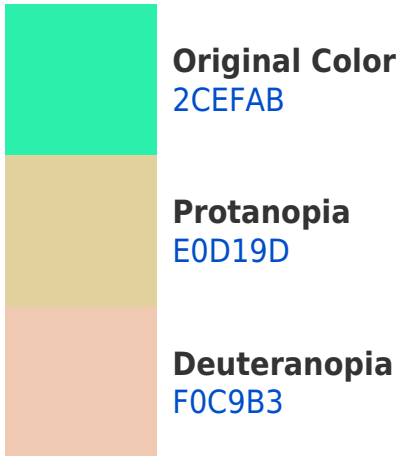


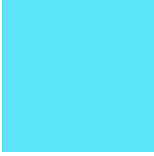
This preview shows how white text looks on a background with the Hex color 2CEFAB.

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
58E5F8

Trichromacy



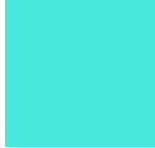
Original Color
2CEFAB



Protanomaly
9FDCA2



Deuteranomaly
A9D7B0



Tritanomaly
48E9DC

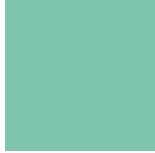
Monochromacy



Original Color
2CEFAB



Achromatopsia
ADADAD



Achromatomaly
7EC5AC

CSS Examples

Text

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

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

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 #2CEFAB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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