

Converting Colors

Hex(2FFECB)

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

Hex(2FFECB)	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(2FFECB)

Conversions

Conversions Part 1

Format	Color
Hex	2FFECB
RGB	47, 254, 203
RGB Percent	18%, 100%, 80%
CMY	0.8157, 0.0039, 0.2039
CMYK	0.81, 0.00, 0.20, 0.00
HSL	165°, 99%, 59%
HSV	165°, 81%, 100%
XYZ	47.3936, 75.7998, 68.6328
YIQ	186.2930, -107.0010, -59.7450

Conversions

Conversions Part 2

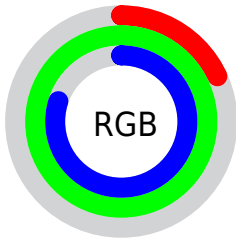
Format	Color
RYB	47, 165, 254
Decimal	3145419
CIELab	89.77, -59.40, 10.87
CIELCh	90, 60.388, 169.627
Yxy	75.7998, 0.2471, 0.3951
Android (android.graphics.Color)	4281335499 (0xFF2FFECB)
YUV	186.2930, 8.2366, -122.1600
Hunter-Lab	87.0631, -55.1922, 14.2051

Details

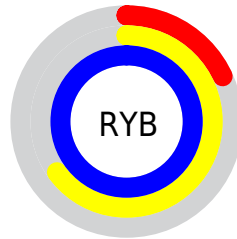
The Hex color **2FFECB** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FE2F62**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **81FFFF**, and **00C495** is the 20% darker color. If you saturate the color by 10%, you get **16FEC5**, and if you desaturate by 10%, it is **48FED1**.

Distribution



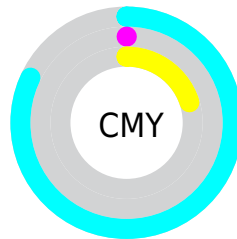
- Red (18%)
- Green (100%)
- Blue (80%)



- Red (18%)
- Yellow (65%)
- Blue (100%)



- Cyan (81%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (82%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 2FFECB

 2FFECB

FFFFFF

 00E1B0

 81FFFF

 00C495

 A2FFFF

 00A87B

 C3FFFF

 008D62

 E3FFFF

 00724A

 005834

 003F1E

 002707

 000000

 2FFECEB

 2FFECEB

 16FEC5

 48FED1

 00FEBF

 62FED8

 7BFED8

 95FEE4

 AEFEEA

 C7FEF1

 E1FEF7

 FAFEFD

FFFEFF

Harmonies

Analogous

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



9CF794



2FFECE



00FFFF

Triad

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



2FFECB



C6DAFF



FFC28C

Complementary

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



2FFECB



FE2F62

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.



FFB3BE



2FFECB



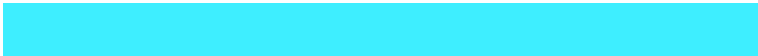
FFC4FF

Square

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



2FFECC



3EEEFF



FFB4F8



FFD86E

Rectangle

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



2FFECE



00CFF



FFB4F8



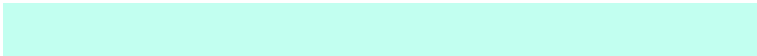
FFBC9B

Sweetspot

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



2FFECB



C2FFF0



63FE2F



5B8076



000000



808080

Same Dimension

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



2FFECB



05FFC1



2FCAFE



73807C



00BF90



004030

Inverse Universe

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



FE2F62



FF0543



FE632F



807376



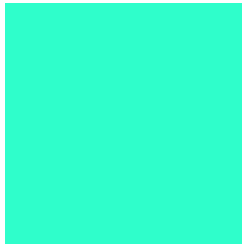
BF002F



400010

Previews

White Background



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

Color Contrast Check

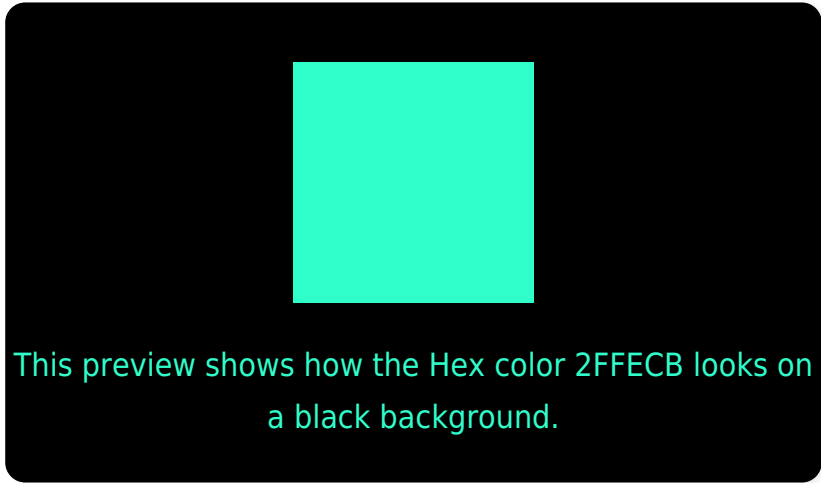
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

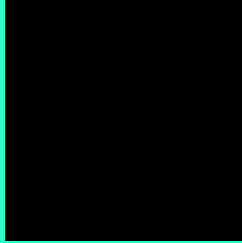
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

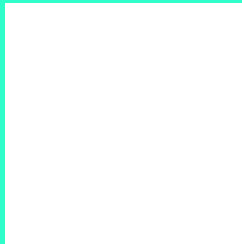
Any Text WCAG AAA ✓ Pass

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

Hex 2FFECB Background



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

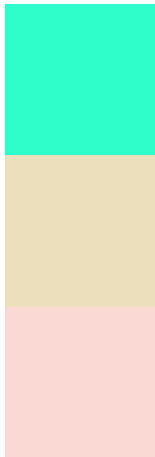


This preview shows how white text looks on a background with the Hex color 2FFECB.

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](#).

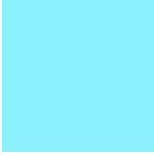
Dichromacy



Original Color
2FFECE

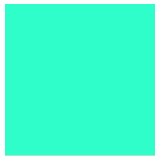
Protanopia
ECCFBB

Deuteranopia
FAD8D3

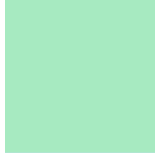


Tritanopia
8DF0FF

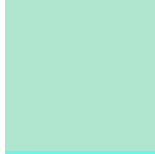
Trichromacy



Original Color
2FFECB



Protanomaly
A7EAC1



Deuteranomaly
B0E6D0

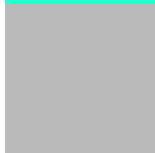


Tritanomaly
6BF5EC

Monochromacy



Original Color
2FFECB



Achromatopsia
BABABA



Achromatomaly
87D3C0

CSS Examples

Text

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

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

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 #2FFECB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor