

# Converting Colors

Hex(2FFFB9)

Have a look what the booklet for  
Hex(2FFFB9) contains.

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# Color

Hex(2FFFB9)

# Conversions

## Conversions Part 1

Format	Color
Hex	2FFFB9
RGB	47, 255, 185
RGB Percent	18%, 100%, 73%
CMY	0.8157, 0.0000, 0.2745
CMYK	0.82, 0.00, 0.27, 0.00
HSL	160°, 100%, 59%
HSV	160°, 82%, 100%
XYZ	45.6892, 75.6271, 58.0884
YIQ	184.8280, -101.4980, -65.8660

# Conversions

## Conversions Part 2

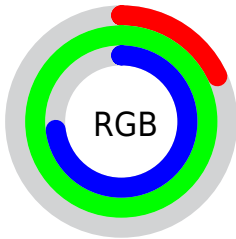
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 172, 255
Decimal	3145657
CIELab	89.69, -63.87, 20.01
CIELCh	90, 66.926, 162.604
Yxy	75.6271, 0.2547, 0.4215
Android (android.graphics.Color)	4281335737 (0xFF2FFFB9)
YUV	184.8280, 0.0848, -120.8752
Hunter-Lab	86.9639, -58.4061, 21.2714

# Details

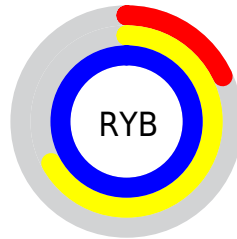
The Hex color **2FFFB9** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **FF2F75**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **80FFF1**, and **00C584** is the 20% darker color. If you saturate the color by 10%, you get **16FFB0**, and if you desaturate by 10%, it is **49FFC2**.

# Distribution



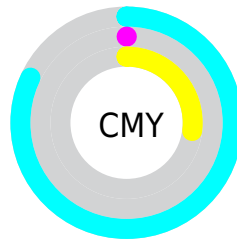
- Red (18%)
- Green (100%)
- Blue (73%)



- Red (18%)
- Yellow (67%)
- Blue (100%)



- Cyan (82%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (82%)
- Magenta (0%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2FFFB9 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 2FFFB9 by changing the saturation by 10% instead.



 2FFFB9

 2FFFB9

FFFFFF

 00E29E

 80FFF1

 00C584

 A2FFFF

 00A96A

 C2FFFF

 008D52

 E2FFFF

 00723A

 005824

 003F0F

 002700

 000000

 2FFFB9

 2FFFB9

 16FFB0

 49FFC2

 00FFA9

 62FFCA

 7CFFD3

 95FFDB

 AFFFE4

 C8FFEC

 E2FFF5

 FBFFFE

FFFFFF

# Harmonies

## Analogous

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



A6F67F



2FFFB9



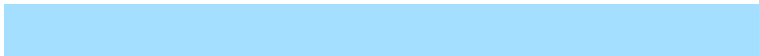
00FFFB

# Triad

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



2FFFB9



A4DFFF



FFB98E

# Complementary

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



2FFFB9



FF2F75

# 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.



FFAAC9



2FFFB9



FFC6FF

# Square

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



2FFFB9



00F3FF



FFB0FF



FFD165

# Rectangle

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



2FFFB9



00FFFF



FFB0FF



FFB2A0

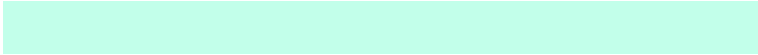


# Sweetspot

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



2FFFB9



C2FFEA



78FF2F



5B8073



000000



808080



# Same Dimension

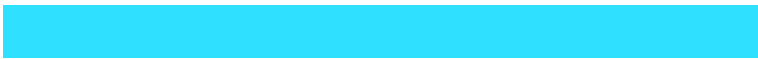
The Same Dimension uses a secret algorithm to generate beautiful new colors.



2FFFB9



05FFAB



2FE0FF



73807B



00BF7F



00402A



# Inverse Universe

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



FF2F75



FF0559



FF4E2F



807377



BF0040

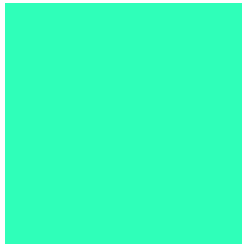


400015



# Previews

## White Background



This preview shows how the Hex color 2FFFB9 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 2FFFB9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

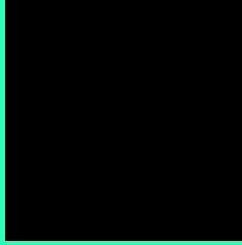
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2FFFB9 Background



This preview shows how black text looks on a background with the Hex color 2FFFB9.

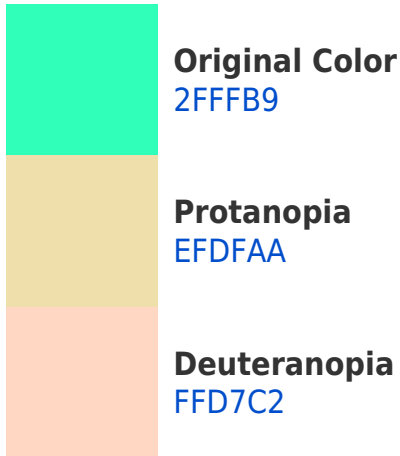


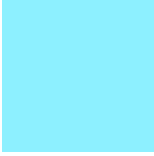
This preview shows how white text looks on a background with the Hex color 2FFFB9.

# 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](#).

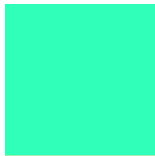
## Dichromacy





**Tritanopia**  
8DF0FF

# Trichromacy



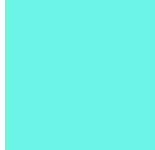
**Original Color**  
2FFFB9



**Protanomaly**  
A9EBAF



**Deuteranomaly**  
B3E6BF

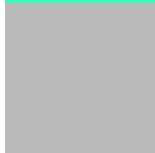


**Tritanomaly**  
6BF5E6

# Monochromacy



**Original Color**  
2FFFB9



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
87D2B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2FFFB9 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 #2FFFB9 looks like.

```
.text, #text, p{  
    color:#2FFFB9  
}
```

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 #2FFFB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FFFB9
}
```

## Border

The CSS property to change the border of an element to Hex 2FFFB9 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
#2FFFB9 }
```

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

```
.border{ border-color:#2FFFB9 }
```

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

Here you see how a box with a 4 pixel #2FFFB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FFFB9; -webkit-box-shadow:4px 4px  
4px 4px #2FFFB9; box-shadow:4px 4px 4px  
4px #2FFFB9 }
```

# Background

The CSS property to change the background color of an element to Hex 2FFFB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FFFB9 }
```

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

```
.background{ background-color:#2FFFB9 }
```

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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