

# Converting Colors

Hex(3DFFB9)

Have a look what the booklet for  
Hex(3DFFB9) contains.

<b>Hex(3DFFB9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(3DFFB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DFFB9
RGB	61, 255, 185
RGB Percent	24%, 100%, 73%
CMY	0.7608, 0.0000, 0.2745
CMYK	0.76, 0.00, 0.27, 0.00
HSL	158°, 100%, 62%
HSV	158°, 76%, 100%
XYZ	46.4414, 76.0149, 58.1236
YIQ	189.0140, -93.1540, -62.8980

# Conversions

## Conversions Part 2

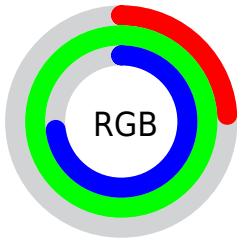
Format	Color
<a href="#">RYB</a>	<a href="#">61, 179, 255</a>
Decimal	<a href="#">4063161</a>
<a href="#">CIELab</a>	<a href="#">89.87, -62.50, 20.29</a>
<a href="#">CIELCh</a>	<a href="#">90, 65.715, 162.018</a>
<a href="#">Yxy</a>	<a href="#">76.0149, 0.2572, 0.4209</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4282253241 (0xFF3DFFB9)</a>
<a href="#">YUV</a>	<a href="#">189.0140, -1.9789, -112.2683</a>
<a href="#">Hunter-Lab</a>	<a href="#">87.1865, -57.4952, 21.5044</a>

# Details

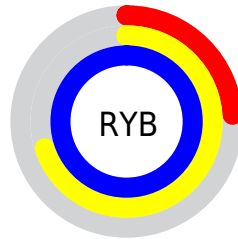
The Hex color **3DFFB9** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **FF3D83**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **88FFF1**, and **00C584** is the 20% darker color. If you saturate the color by 10%, you get **23FFB0**, and if you desaturate by 10%, it is **57FFC2**.

# Distribution



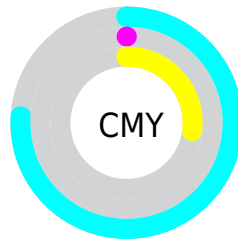
- Red (24%)
- Green (100%)
- Blue (73%)



- Red (24%)
- Yellow (70%)
- Blue (100%)



- Cyan (76%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (76%)
- Magenta (0%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DFFB9 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 3DFFB9 by changing the saturation by 10% instead.



 3DFFB9

 3DFFB9

FFFFFF

 00E29E

 88FFF1

 00C584

 A8FFFF

 00A96A

 C8FFFF

 008D52

 E8FFFF

 00733A

 005924

 003F0F

 002800

 000000

 3DFFB9

 3DFFB9

 23FFB0

 57FFC2

 0AFFA7

 70FFCB

 00FFA3

 8AFFD5

 A3FFDE

 BDFFE7

 D6FFF0

 F0FFF9

FFFFFF

# Harmonies

## Analogous

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



A9F681



3DFFB9



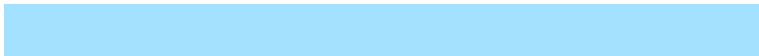
00FFFA

# Triad

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



3DFFB9



A4E0FF



FFBA91

# Complementary

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



3DFFB9



FF3D83

# 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.



FFACCB



3DFFB9



FFC7FF

# Square

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



3DFFB9



00F3FF



FFB2FF



FFD168

# Rectangle

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



3DFFB9



00FFFF



FFB2FF



FFB4A3

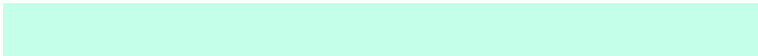


# Sweetspot

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



3DFFB9



C4FFEA



84FF3D



5C8073



000000



808080



# Same Dimension

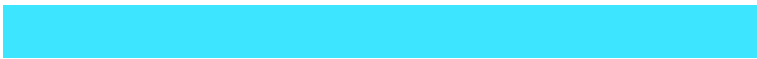
The Same Dimension uses a secret algorithm to generate beautiful new colors.



3DFFB9



17FFAB



3DE5FF



73807B



00BF7A



004029



# Inverse Universe

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



FF3D83



FF176B



FF573D



807377



BF0045

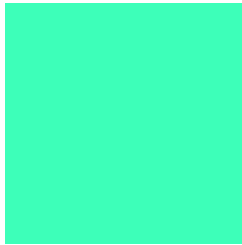


400017



# Previews

## White Background



This preview shows how the Hex color 3DFFB9 looks on a white background.

## Color Contrast Check

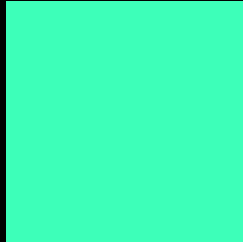
Large Text (above 18pt) WCAG AA × Fail

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 3DFFB9 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 3DFFB9 Background



This preview shows how black text looks on a background with the Hex color 3DFFB9.

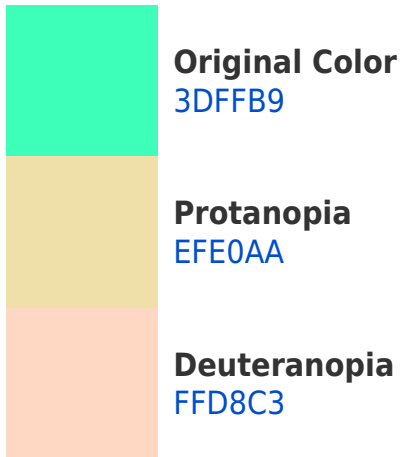


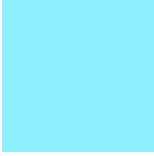
This preview shows how white text looks on a background with the Hex color 3DFFB9.

# 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**  
90F0FF

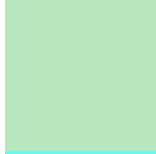
# Trichromacy



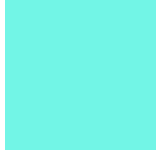
**Original Color**  
3DFFB9



**Protanomaly**  
AEEBAF

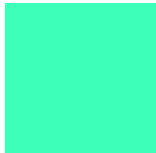


**Deuteranomaly**  
B8E6BF

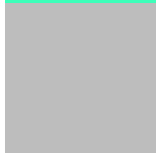


**Tritanomaly**  
72F5E6

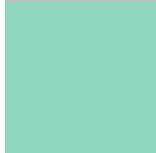
# Monochromacy



**Original Color**  
3DFFB9



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
8ED5BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DFFB9 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 #3DFFB9 looks like.

```
.text, #text, p{  
    color:#3DFFB9  
}
```

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 #3DFFB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DFFB9
}
```

## Border

The CSS property to change the border of an element to Hex 3DFFB9 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
#3DFFB9 }
```

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

```
.border{ border-color:#3DFFB9 }
```

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

Here you see how a box with a 4 pixel #3DFFB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DFFB9; -webkit-box-shadow:4px 4px  
4px 4px #3DFFB9; box-shadow:4px 4px 4px  
4px #3DFFB9 }
```

# Background

The CSS property to change the background color of an element to Hex 3DFFB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DFFB9 }
```

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

```
.background{ background-color:#3DFFB9 }
```

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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