

# Converting Colors

Hex(79FFBD)

Have a look what the booklet for  
Hex(79FFBD) contains.

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**Color**

**Hex(79FFBD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79FFBD
RGB	121, 255, 189
RGB Percent	47%, 100%, 74%
CMY	0.5255, 0.0000, 0.2588
CMYK	0.53, 0.00, 0.26, 0.00
HSL	150°, 100%, 74%
HSV	150°, 53%, 100%
XYZ	52.8305, 79.2591, 60.6582
YIQ	207.4100, -58.6780, -48.9340

# Conversions

## Conversions Part 2

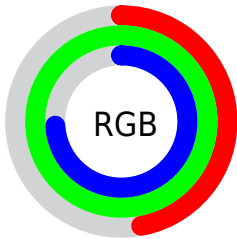
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 210, 255
Decimal	7995325
CIELab	91.35, -51.62, 20.52
CIELCh	91, 55.547, 158.317
Yxy	79.2591, 0.2741, 0.4112
Android (android.graphics.Color)	4286185405 (0xFF79FFBD)
YUV	207.4100, -9.0761, -75.7816
Hunter-Lab	89.0276, -49.8733, 21.9225

# Details

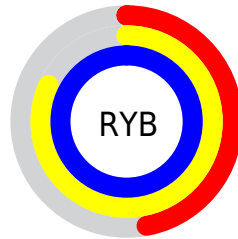
The Hex color **79FFBD** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF79BB**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **B5FFF5**, and **38C587** is the 20% darker color. If you saturate the color by 10%, you get **60FFB0**, and if you desaturate by 10%, it is **93FFCA**.

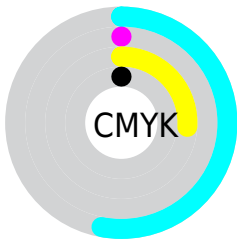
# Distribution



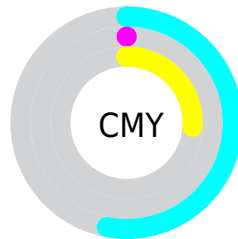
- Red (47%)
- Green (100%)
- Blue (74%)



- Red (47%)
- Yellow (82%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79FFBD 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 79FFBD by changing the saturation by 10% instead.



 79FFBD

FFFFFF

 B5FFF5

 D3FFFF

 F1FFFF

 79FFBD

 5AE2A2

 38C587

 00AA6E

 008E55


 00743E

 005A27

 004112

 002B00

 000900

 79FFBD

 79FFBD

 60FFB0

 93FFCA

 46FFA4

 ACFFD6

 2CFF97

 C5FFE3

 13FF8B

 DFFFEF

 00FF81

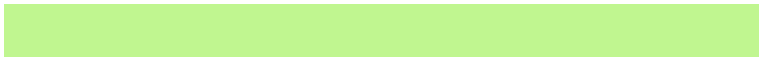
 F9FFFC

FFFFFF

# Harmonies

## Analogous

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



C0F690



79FFBD



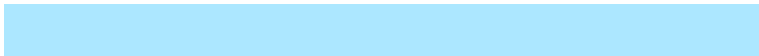
00FF4

# Triad

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



79FFBD



ACE7FF



FFC4A7

# Complementary

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



79FFBD



FF79BB

# 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.



FFBBD9



79FFBD



FFD3FF

# Square

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



79FFBD



1DF6FF



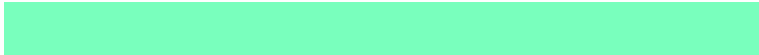
FFC1FF



FFD583

# Rectangle

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



79FFBD



00FFFF



FFC1FF



FFBFB6

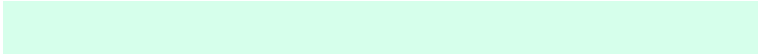


# Sweetspot

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



79FFBD



D6FFEB



BCFF79



678074



000000

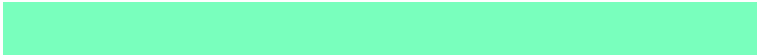


808080



# Same Dimension

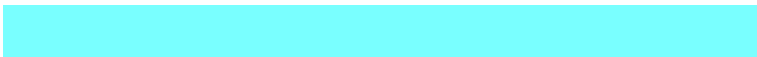
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79FFBD



5EFFB0



79FFFF



738079



00BF61



004020



# Inverse Universe

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



FF79BB



FF5EAD



FF7979



807379



BF005E

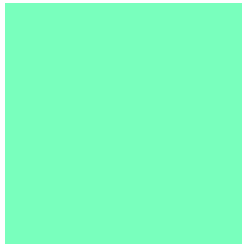


40001F



# Previews

## White Background



This preview shows how the Hex color 79FFBD looks on a white background.

## Color Contrast Check

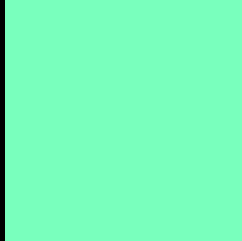
Large Text (above 18pt) WCAG AA × Fail

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 79FFBD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

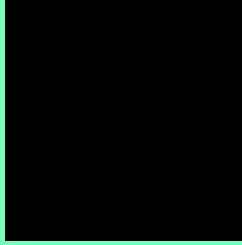
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 79FFBD Background



This preview shows how black text looks on a background with the Hex color 79FFBD.

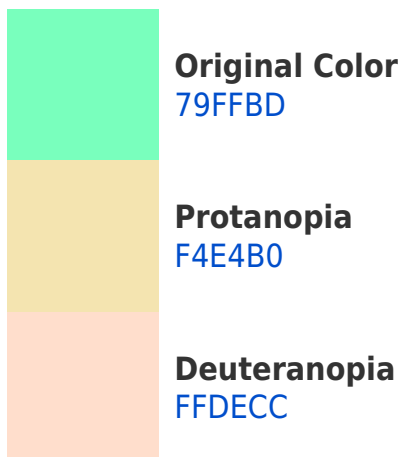


This preview shows how white text looks on a background with the Hex color 79FFBD.

# 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





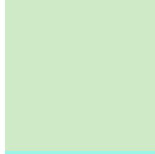
# Trichromacy



**Original Color**  
79FFBD



**Protanomaly**  
C7EEB5



**Deuteranomaly**  
CEEAC7

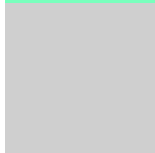


**Tritanomaly**  
9AF5E7

# Monochromacy



**Original Color**  
79FFBD



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
B0E0C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79FFBD 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 #79FFBD looks like.

```
.text, #text, p{  
    color:#79FFBD  
}
```

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 #79FFBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79FFBD } }
```

## Border

The CSS property to change the border of an element to Hex 79FFBD 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 #79FFBD } }
```

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

```
.border{ border-color:#79FFBD }
```

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

Here you see how a box with a 4 pixel #79FFBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79FFBD; -webkit-box-shadow:4px 4px  
4px 4px #79FFBD; box-shadow:4px 4px 4px  
4px #79FFBD }
```

# Background

The CSS property to change the background color of an element to Hex 79FFBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79FFBD }
```

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

```
.background{ background-color:#79FFBD }
```

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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