

# Converting Colors

Hex(7BFFBE)

Have a look what the booklet for  
Hex(7BFFBE) contains.

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# Color

**Hex(7BFFBE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BFFBE
RGB	123, 255, 190
RGB Percent	48%, 100%, 75%
CMY	0.5176, 0.0000, 0.2549
CMYK	0.52, 0.00, 0.25, 0.00
HSL	150°, 100%, 74%
HSV	150°, 52%, 100%
XYZ	53.2226, 79.4487, 61.2452
YIQ	208.1220, -57.8070, -48.1990

# Conversions

## Conversions Part 2

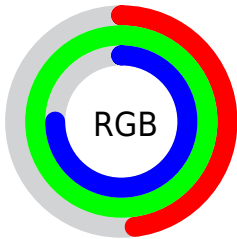
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 211, 255
Decimal	8126398
CIELab	91.44, -50.97, 20.14
CIELCh	91, 54.806, 158.439
Yxy	79.4487, 0.2745, 0.4097
Android (android.graphics.Color)	4286316478 (0xFF7BFFBE)
YUV	208.1220, -8.9341, -74.6520
Hunter-Lab	89.1340, -49.4006, 21.6548

# Details

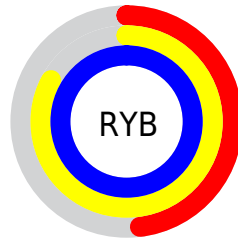
The Hex color **7BFFBE** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF7BBC**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **B7FFF6**, and **3BC588** is the 20% darker color. If you saturate the color by 10%, you get **62FFB1**, and if you desaturate by 10%, it is **95FFCB**.

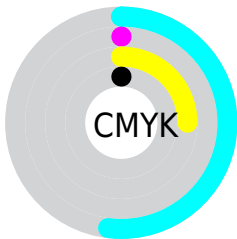
# Distribution



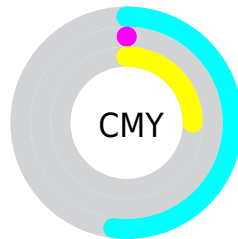
- Red (48%)
- Green (100%)
- Blue (75%)



- Red (48%)
- Yellow (83%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BFFBE 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 7BFFBE by changing the saturation by 10% instead.



 7BFFBE

FFFFFF

 B7FFF6

 D5FFFF

 F3FFFF

 7BFFBE

 5CE2A3

 3BC588

 04AA6F

 008E56

 00743F

 005A28

 004113

 002C00

 000A00

 7BFFBE

 7BFFBE

 62FFB1

 95FFCB

 48FFA5

 AEFFD7

 2FFF98

 C8FFE4

 15FF8C

 E1FFF0

 00FF81

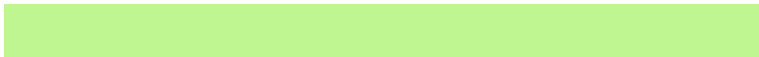
 FBFFFD

FFFFFF

# Harmonies

## Analogous

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



C0F692



7BFFBE



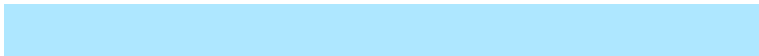
00FF4

# Triad

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



7BFFBE



AEE7FF



FFC5A8

# Complementary

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



7BFFBE



FF7BBC

# 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.



FFBCD9



7BFFBE



FFD3FF

# Square

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



7BFFBE



2DF6FF



FFC2FF



FFD685

# Rectangle

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



7BFFBE



00FFFF



FFC2FF

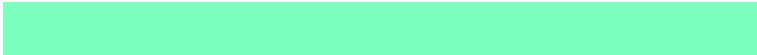


FFC0B7

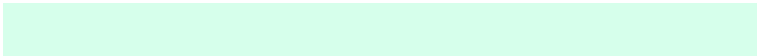


# Sweetspot

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



7BFFBE



D6FFEB



BDFF7B



678074



000000



808080



# Same Dimension

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



7BFFBE



61FFB1



7BFFFF



738079



00BF61



004020



# Inverse Universe

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



FF7BBC



FF61AF



FF7B7B



807379



BF005E

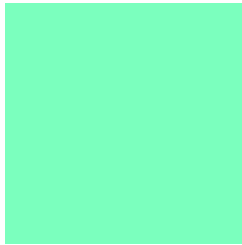


40001F



# Previews

## White Background



This preview shows how the Hex color 7BFFBE looks on a white background.

## Color Contrast Check

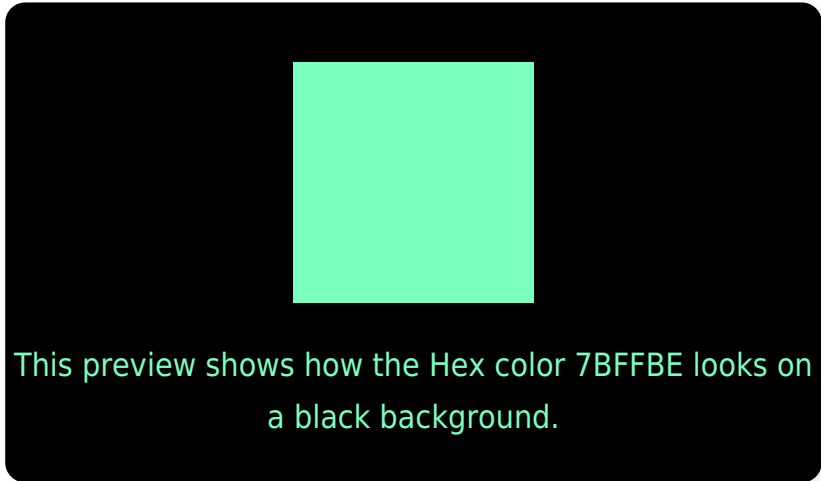
Large Text (above 18pt) WCAG AA × Fail

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

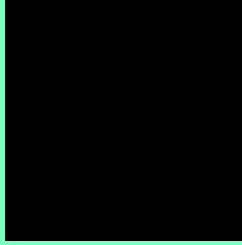
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BFFBE Background



This preview shows how black text looks on a background with the Hex color 7BFFBE.

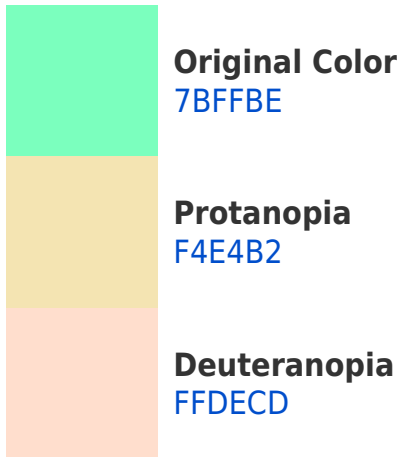


This preview shows how white text looks on a background with the Hex color 7BFFBE.

# 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**  
AEF1FF

# Trichromacy



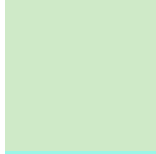
**Original Color**

7BFFBE



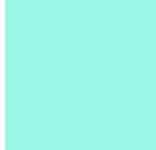
**Protanomaly**

C8EEB6



**Deuteranomaly**

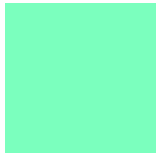
CFEAC8



**Tritanomaly**

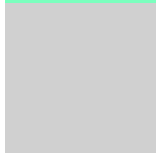
9BF6E7

# Monochromacy



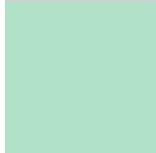
**Original Color**

7BFFBE



**Achromatopsia**

D0D0D0



**Achromatomaly**

B1E1C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BFFBE 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 #7BFFBE looks like.

```
.text, #text, p{  
    color:#7BFFBE  
}
```

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 #7BFFBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BFFBE
}
```

## Border

The CSS property to change the border of an element to Hex 7BFFBE 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
#7BFFBE }
```

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

```
.border{ border-color:#7BFFBE }
```

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

Here you see how a box with a 4 pixel #7BFFBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BFFBE; -webkit-box-shadow:4px 4px  
4px 4px #7BFFBE; box-shadow:4px 4px 4px  
4px #7BFFBE }
```

# Background

The CSS property to change the background color of an element to Hex 7BFFBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BFFBE }
```

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

```
.background{ background-color:#7BFFBE }
```

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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