

Converting Colors

Hex(7BFF7B)

Have a look what the booklet for
Hex(7BFF7B) contains.

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Color

Hex(7BFF7B)

Conversions

Conversions Part 1

Format	Color
Hex	7BFF7B
RGB	123, 255, 123
RGB Percent	48%, 100%, 48%
CMY	0.5176, 0.0000, 0.5176
CMYK	0.52, 0.00, 0.52, 0.00
HSL	120°, 100%, 74%
HSV	120°, 52%, 100%
XYZ	47.5035, 77.1610, 31.1288
YIQ	200.4840, -36.3000, -69.0360

Conversions

Conversions Part 2

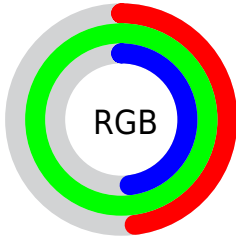
Format	Color
RYB	123, 255, 255
Decimal	8126331
CIELab	90.40, -61.81, 51.69
CIElCh	90, 80.571, 140.096
Yxy	77.1610, 0.3049, 0.4953
Android (android.graphics.Color)	4286316411 (0xFF7BFF7B)
YUV	200.4840, -38.1996, -67.9535
Hunter-Lab	87.8413, -57.1917, 40.4781

Details

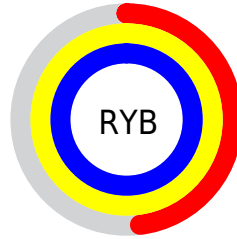
The Hex color **7BFF7B** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF7BFF**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **B7FFB2**, and **39C546** is the 20% darker color. If you saturate the color by 10%, you get **62FF62**, and if you desaturate by 10%, it is **95FF95**.

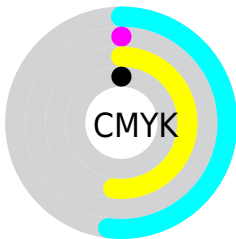
Distribution



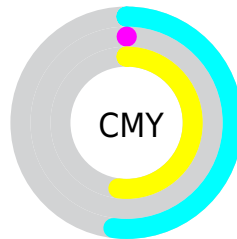
- Red (48%)
- Green (100%)
- Blue (48%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 7BFF7B 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 7BFF7B by changing the saturation by 10% instead.

 7BFF7B

FFFFFF

 B7FFB2

 D6FFCE

 F4FFEB

 7BFF7B

 5CE260

 39C546

 00A92A

 008E07

 007300

 005900

 004000

 002900

 000300

 7BFF7B

 7BFF7B

 62FF62

 95FF95

 48FF48

 AEFFAE

 2FFF2F

 C8FFC8

 15FF15

 E1FFE1

 00FF00

 FBFFF

FFFFFF

Harmonies

Analogous

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



DAEF43



7BFF7B



00FFC6

Triad

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



7BFF7B



00F4FF



FF9FB3

Complementary

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



7BFF7B



FF7BFF

Split Complementary

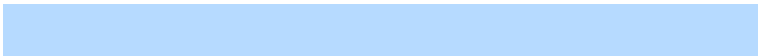
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9EFF



7BFF7B



B6DAFF

Square

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



7BFF7B



00FFFF



FFB9FF



FFB86F

Rectangle

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



7BFF7B



00FFFC



FFB9FF



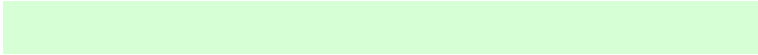
FF9BCC

Sweetspot

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



7BFF7B



D6FFD6



FFFF7B



678067



000000



808080

Same Dimension

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



7BFF7B



61FF61



7BFFBD



738073



00BF00



004000

Inverse Universe

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



FF7BFF



FF61FF



FF7BBD



807380



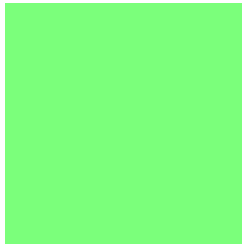
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 7BFF7B looks on a white background.

Color Contrast Check

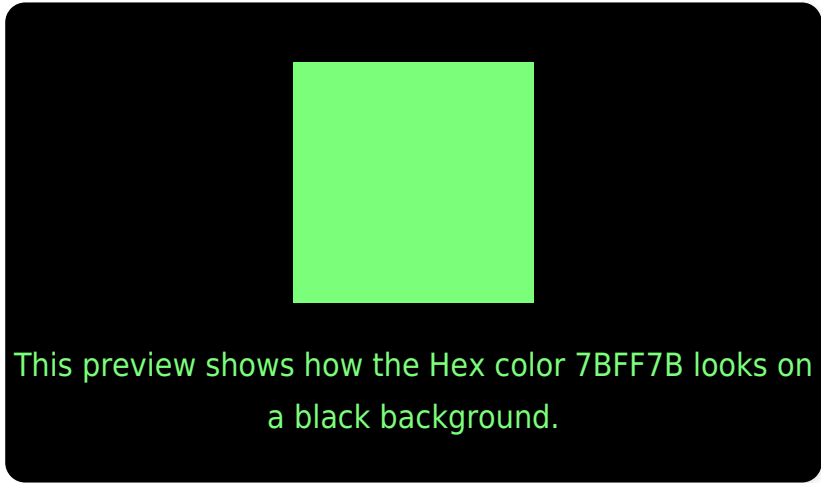
Large Text (above 18pt) WCAG AA × Fail

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

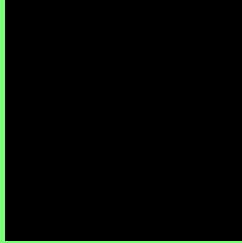
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

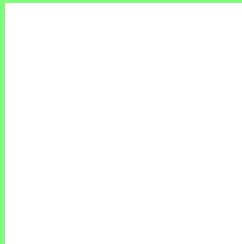
Any Text WCAG AAA ✓ Pass

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

Hex 7BFF7B Background



This preview shows how black text looks on a background with the Hex color 7BFF7B.

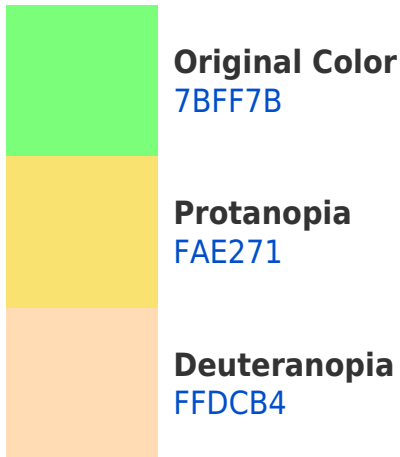


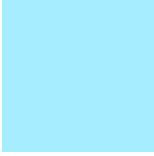
This preview shows how white text looks on a background with the Hex color 7BFF7B.

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



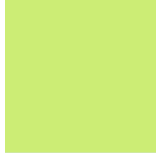


Tritanopia
A6EEFF

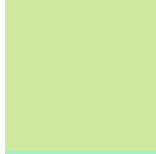
Trichromacy



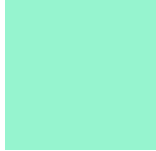
Original Color
7BFF7B



Protanomaly
CCED75

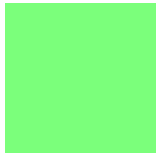


Deuteranomaly
CFE99F

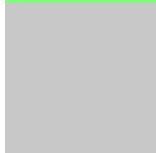


Tritanomaly
96F4CF

Monochromacy



Original Color
7BFF7B



Achromatopsia
C8C8C8



Achromatomaly
ACDCAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BFF7B 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 #7BFF7B looks like.

```
.text, #text, p{  
    color:#7BFF7B  
}
```

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 #7BFF7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BFF7B
}
```

Border

The CSS property to change the border of an element to Hex 7BFF7B 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
#7BFF7B }
```

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

```
.border{ border-color:#7BFF7B }
```

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

Here you see how a box with a 4 pixel #7BFF7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BFF7B; -webkit-box-shadow:4px 4px  
4px 4px #7BFF7B; box-shadow:4px 4px 4px  
4px #7BFF7B }
```

Background

The CSS property to change the background color of an element to Hex 7BFF7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BFF7B }
```

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

```
.background{ background-color:#7BFF7B }
```

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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