

Converting Colors

Hex(7BFF86)

Have a look what the booklet for
Hex(7BFF86) contains.

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Color

Hex(7BFF86)

Conversions

Conversions Part 1

Format	Color
Hex	7BFF86
RGB	123, 255, 134
RGB Percent	48%, 100%, 53%
CMY	0.5176, 0.0000, 0.4745
CMYK	0.52, 0.00, 0.47, 0.00
HSL	125°, 100%, 74%
HSV	125°, 52%, 100%
XYZ	48.2315, 77.4522, 34.9620
YIQ	201.7380, -39.8310, -65.6150

Conversions

Conversions Part 2

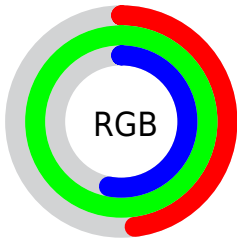
Format	Color
RYB	123, 245, 255
Decimal	8126342
CIELab	90.53, -60.37, 46.72
CIELCh	91, 76.333, 142.264
Yxy	77.4522, 0.3002, 0.4821
Android (android.graphics.Color)	4286316422 (0xFF7BFF86)
YUV	201.7380, -33.3948, -69.0532
Hunter-Lab	88.0069, -56.1867, 38.0511

Details

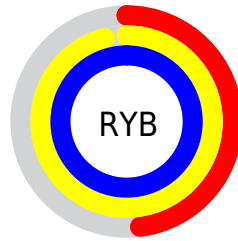
The Hex color **7BFF86** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF7BF4**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **B7FFBD**, and **3AC551** is the 20% darker color. If you saturate the color by 10%, you get **62FF6F**, and if you desaturate by 10%, it is **95FF9D**.

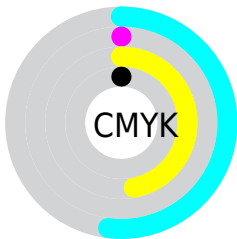
Distribution



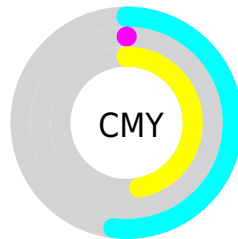
- Red (48%)
- Green (100%)
- Blue (53%)



- Red (48%)
- Yellow (96%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BFF86 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 7BFF86 by changing the saturation by 10% instead.

 7BFF86

 7BFF86

FFFFFF

 5CE26B

 B7FFBD

 3AC551

 D5FFD9

 00A937

 F4FFF6

 008E1C

 007300

 005900

 004000

 002900

 000400

 7BFF86

 7BFF86

 62FF6F

 95FF9D

 48FF57

 AEFFB5

 2FFF40

 C8FFCC

 15FF29

 E1FFE4

 00FF15

 FBFFF8

FFFFFF

Harmonies

Analogous

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



D6F052



7BFF86



00FFCE

Triad

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



7BFF86



00F2FF



FFA5B1

Complementary

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



7BFF86



FF7BF4

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.



FFA3FA



7BFF86



C5D8FF

Square

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



7BFF86



00FFFF



FFBAFF



FFBD71

Rectangle

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



7BFF86



00FFFF



FFBAFF



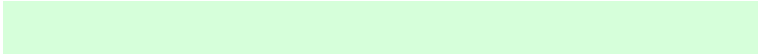
FFA2C9

Sweetspot

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



7BFF86



D6FFDA



F4FF7B



678069



000000



808080

Same Dimension

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



7BFF86



61FF6E



7BFFC8



738074



00BF10



004005

Inverse Universe

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



FF7BF4



FF61F2



FF7BB2



80737E



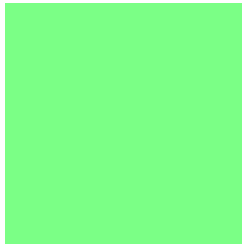
BF00AF



40003A

Previews

White Background



This preview shows how the Hex color 7BFF86 looks on a white background.

Color Contrast Check

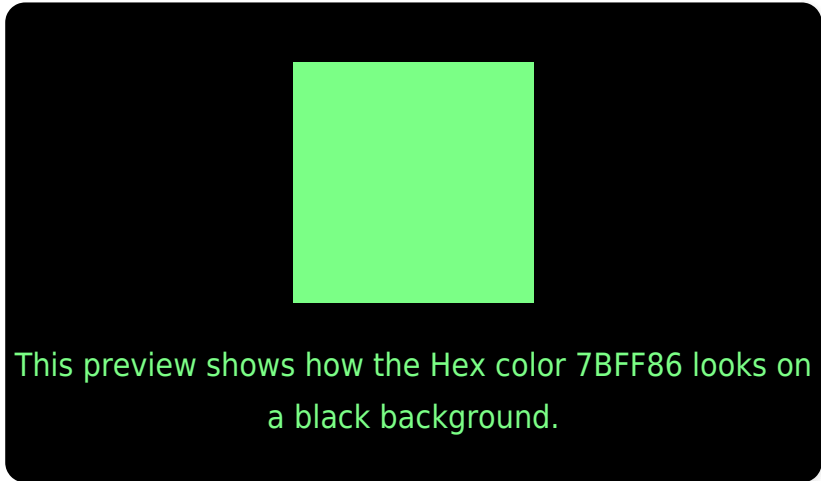
Large Text (above 18pt) WCAG AA × Fail

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

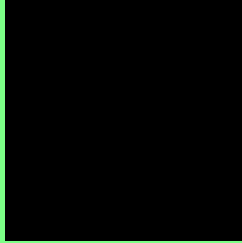
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

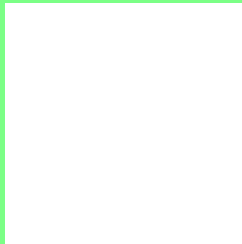
Any Text WCAG AAA ✓ Pass

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

Hex 7BFF86 Background



This preview shows how black text looks on a background with the Hex color 7BFF86.

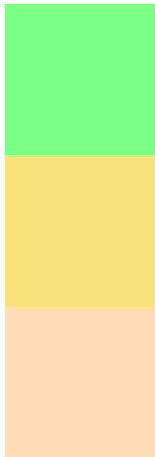


This preview shows how white text looks on a background with the Hex color 7BFF86.

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](#).

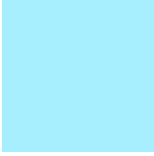
Dichromacy



Original Color
7BFF86

Protanopia
F9E27C

Deuteranopia
FFDCB7

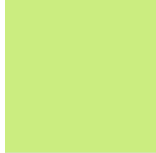


Tritanopia
A7EFFF

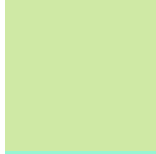
Trichromacy



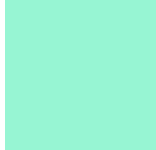
Original Color
7BFF86



Protanomaly
CBED80

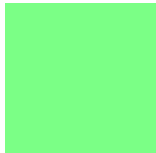


Deuteranomaly
CFE9A5

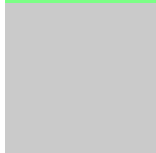


Tritanomaly
97F5D3

Monochromacy



Original Color
7BFF86



Achromatopsia
CACACA



Achromatomaly
ADDDB1

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BFF86 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 #7BFF86 looks like.

```
.text, #text, p{  
    color:#7BFF86  
}
```

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 #7BFF86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BFF86
}
```

Border

The CSS property to change the border of an element to Hex 7BFF86 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
#7BFF86 }
```

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

```
.border{ border-color:#7BFF86 }
```

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

Here you see how a box with a 4 pixel #7BFF86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BFF86; -webkit-box-shadow:4px 4px  
4px 4px #7BFF86; box-shadow:4px 4px 4px  
4px #7BFF86 }
```

Background

The CSS property to change the background color of an element to Hex 7BFF86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BFF86 }
```

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

```
.background{ background-color:#7BFF86 }
```

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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