

Converting Colors

Hex(7FFF7F)

Have a look what the booklet for
Hex(7FFF7F) contains.

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Color

Hex(7FFF7F)

Conversions

Conversions Part 1

Format	Color
Hex	7FFF7F
RGB	127, 255, 127
RGB Percent	50%, 100%, 50%
CMY	0.5020, 0.0000, 0.5020
CMYK	0.50, 0.00, 0.50, 0.00
HSL	120°, 100%, 75%
HSV	120°, 50%, 100%
XYZ	48.3432, 77.5643, 32.5021
YIQ	202.1360, -35.2000, -66.9440

Conversions

Conversions Part 2

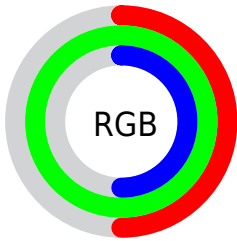
Format	Color
RYB	127, 255, 255
Decimal	8388479
CIELab	90.58, -60.28, 50.10
CIELCh	91, 78.380, 140.272
Yxy	77.5643, 0.3052, 0.4896
Android (android.graphics.Color)	4286578559 (0xFF7FFF7F)
YUV	202.1360, -37.0420, -65.8943
Hunter-Lab	88.0706, -56.1425, 39.7687

Details

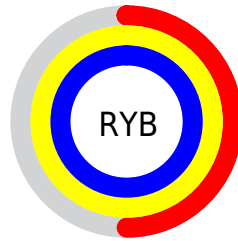
The Hex color **7FFF7F** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **FF7FFF**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **BBFFB6**, and **3FC54A** is the 20% darker color. If you saturate the color by 10%, you get **66FF66**, and if you desaturate by 10%, it is **99FF99**.

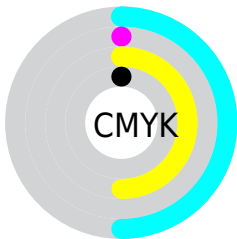
Distribution



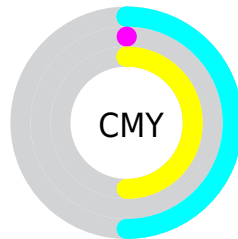
- Red (50%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FFF7F 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 7FFF7F by changing the saturation by 10% instead.

 7FFF7F

 7FFF7F

FFFFFF

 60E264

 BBFFB6

 3FC54A


 D9FFD2

 0EA92F

 F7FFE7

 008E10

 007300

 005A00

 004100

 002900

 000400

 7FFF7F

 7FFF7F

 66FF66

 99FF99

 4CFF4C

 B2FFB2

 33FF33

 CCFCC

 19FF19

 E5FFE5

 00FF00

FFFFFF

Harmonies

Analogous

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



DBF04A



7FFF7F



00FFC8

Triad

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



7FFF7F



00F4FF



FFA2B4

Complementary

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



7FFF7F



FF7FFF

Split Complementary

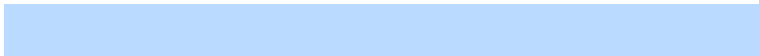
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA2FF



7FFF7F



BADAFF

Square

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



7FFF7F



00FFFF



FFBAFF



FFBA72

Rectangle

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



7FFF7F



00FFFC



FFBAFF



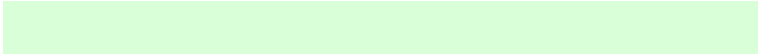
FF9FCD

Sweetspot

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



7FFF7F



D9FFD9



FFFF7F



698069



000000



808080

Same Dimension

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



7FFF7F



66FF66



7FFFBF



738073



00BF00



004000

Inverse Universe

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



FF7FFF



FF66FF



FF7FBF



807380



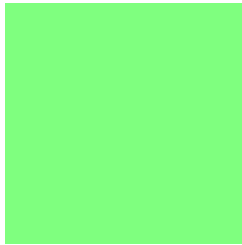
BF00BF



400040

Previews

White Background



This preview shows how the Hex color #FFFF7F looks on a white background.

Color Contrast Check

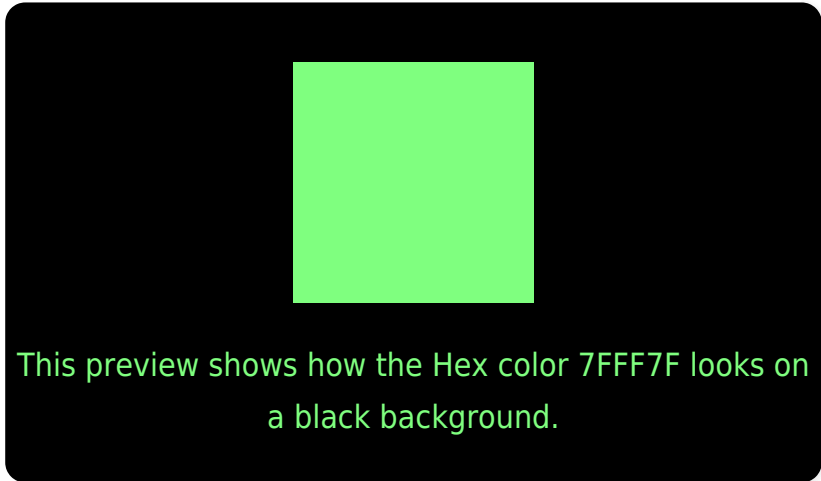
Large Text (above 18pt) WCAG AA × Fail

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

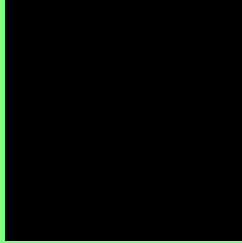
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

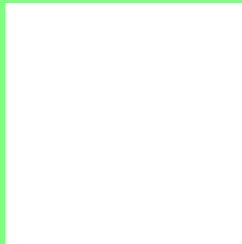
Any Text WCAG AAA ✓ Pass

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

Hex 7FFF7F Background



This preview shows how black text looks on a background with the Hex color 7FFF7F.

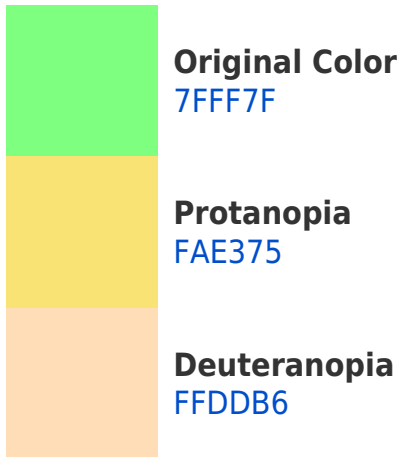


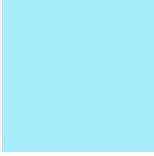
This preview shows how white text looks on a background with the Hex color 7FFF7F.

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



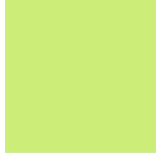


Tritanopia
A9EEFF

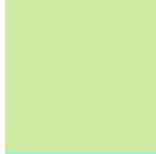
Trichromacy



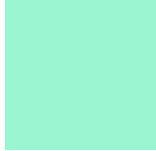
Original Color
7FFF7F



Protanomaly
CDED79

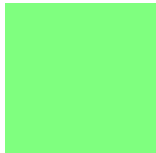


Deuteranomaly
D0E9A2

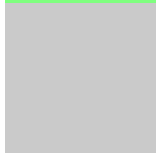


Tritanomaly
9AF4D0

Monochromacy



Original Color
7FFF7F



Achromatopsia
CACACA



Achromatomaly
AFDDAF

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FFF7F 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 #7FFF7F looks like.

```
.text, #text, p{  
    color:#7FFF7F  
}
```

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 #7FFF7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FFF7F
}
```

Border

The CSS property to change the border of an element to Hex 7FFF7F 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
#7FFF7F }
```

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

```
.border{ border-color:#7FFF7F }
```

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

Here you see how a box with a 4 pixel #7FFF7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FFF7F; -webkit-box-shadow:4px 4px  
4px 4px #7FFF7F; box-shadow:4px 4px 4px  
4px #7FFF7F }
```

Background

The CSS property to change the background color of an element to Hex 7FFF7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FFF7F }
```

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

```
.background{ background-color:#7FFF7F }
```

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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