

Converting Colors

Hex(7AF7AE)

Have a look what the booklet for
Hex(7AF7AE) contains.

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Color

Hex(7AF7AE)

Conversions

Conversions Part 1

Format	Color
Hex	7AF7AE
RGB	122, 247, 174
RGB Percent	48%, 97%, 68%
CMY	0.5216, 0.0314, 0.3176
CMYK	0.51, 0.00, 0.30, 0.03
HSL	145°, 89%, 72%
HSV	145°, 51%, 97%
XYZ	48.9268, 73.7151, 51.6941
YIQ	201.3030, -51.0670, -49.2030

Conversions

Conversions Part 2

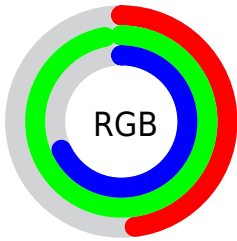
Format	Color
RYB	122, 210, 247
Decimal	8058798
CIELab	88.79, -50.95, 24.64
CIElCh	89, 56.600, 154.188
Yxy	73.7151, 0.2806, 0.4228
Android (android.graphics.Color)	4286248878 (0xFF7AF7AE)
YUV	201.3030, -13.4604, -69.5487
Hunter-Lab	85.8575, -48.5305, 24.4022

Details

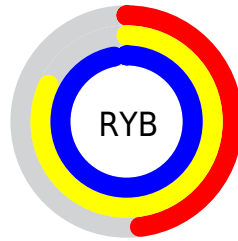
The Hex color **7AF7AE** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F77AC3**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **B5FFE6**, and **3CBE79** is the 20% darker color. If you saturate the color by 10%, you get **61F7A0**, and if you desaturate by 10%, it is **93F7BC**.

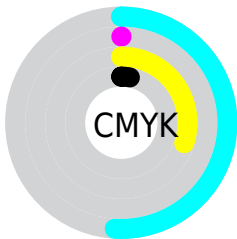
Distribution



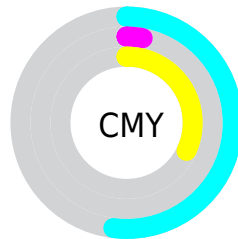
- Red (48%)
- Green (97%)
- Blue (68%)



- Red (48%)
- Yellow (82%)
- Blue (97%)



- Cyan (51%)
- Magenta (0%)
- Yellow (30%)
- Black (3%)



- Cyan (52%)
- Magenta (3%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AF7AE 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 7AF7AE by changing the saturation by 10% instead.

 7AF7AE

 7AF7AE

FFFFFF

 5CDA93

 B5FFE6

 3CBE79

 D3FFFF

 0CA260

 F1FFFF

 008748

 006D31

 00541A

 003B02

 002500

 000000

 7AF7AE

 7AF7AE

 61F7A0

 93F7BC

 49F791

 ABF7CB

 30F783

 C4F7D9

 17F774

 DDF7E8

 00F767

 F6F7F6

 FFF7FF

Harmonies

Analogous

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



C0EE83



7AF7AE



00FBE5

Triad

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



7AF7AE



94E2FF



FFBAA5

Complementary

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



7AF7AE



F77AC3

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.



FFB2D9



7AF7AE



EECEFF

Square

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



7AF7AE



00F1FF



FFBBFF



FFCB7E

Rectangle

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



7AF7AE



00FAFF



FFBBFF



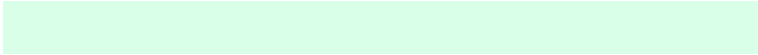
FFB6B6

Sweetspot

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



7AF7AE



D9FFE9



C5F77A



698072



000000



808080

Same Dimension

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



7AF7AE



63FFA4



7AF7EB



6E7A73



00BA4D



003B18

Inverse Universe

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



F77AC3



FF63BE



F77A87



7A6E75



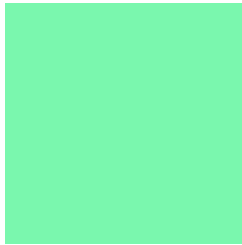
BA006D



3B0022

Previews

White Background



This preview shows how the Hex color 7AF7AE 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 7AF7AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

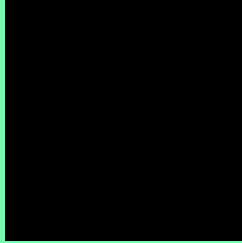
Any Text WCAG AA ✓ Pass

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 7AF7AE Background



This preview shows how black text looks on a background with the Hex color 7AF7AE.

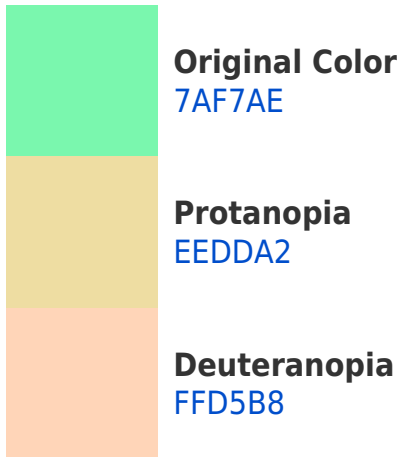


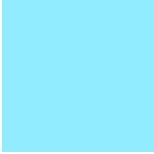
This preview shows how white text looks on a background with the Hex color 7AF7AE.

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
92ECFF

Trichromacy



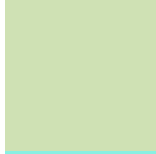
Original Color

7AF7AE



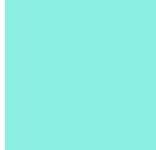
Protanomaly

C4E6A6



Deuteranomaly

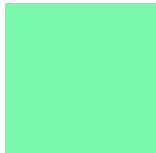
CFE1B4



Tritanomaly

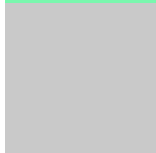
89F0E2

Monochromacy



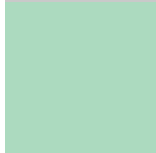
Original Color

7AF7AE



Achromatopsia

C9C9C9



Achromatomaly

ACDABF

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AF7AE 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 #7AF7AE looks like.

```
.text, #text, p{  
    color:#7AF7AE  
}
```

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 #7AF7AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AF7AE
}
```

Border

The CSS property to change the border of an element to Hex 7AF7AE 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
#7AF7AE }
```

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

```
.border{ border-color:#7AF7AE }
```

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

Here you see how a box with a 4 pixel #7AF7AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AF7AE; -webkit-box-shadow:4px 4px  
4px 4px #7AF7AE; box-shadow:4px 4px 4px  
4px #7AF7AE }
```

Background

The CSS property to change the background color of an element to Hex 7AF7AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AF7AE }
```

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

```
.background{ background-color:#7AF7AE }
```

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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