

Converting Colors

Hex(7AF3AA)

Have a look what the booklet for
Hex(7AF3AA) contains.

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Color

Hex(7AF3AA)

Conversions

Conversions Part 1

Format	Color
Hex	7AF3AA
RGB	122, 243, 170
RGB Percent	48%, 95%, 67%
CMY	0.5216, 0.0471, 0.3333
CMYK	0.50, 0.00, 0.30, 0.05
HSL	144°, 83%, 72%
HSV	144°, 50%, 95%
XYZ	47.3323, 71.1410, 49.2671
YIQ	198.4990, -48.6830, -48.3550

Conversions

Conversions Part 2

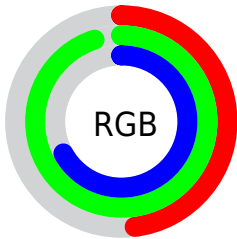
Format	Color
RYB	122, 209, 243
Decimal	8057770
CIELab	87.55, -50.03, 25.00
CIElCh	88, 55.931, 153.452
Yxy	71.1410, 0.2822, 0.4241
Android (android.graphics.Color)	4286247850 (0xFF7AF3AA)
YUV	198.4990, -14.0500, -67.0896
Hunter-Lab	84.3451, -47.4344, 24.4095

Details

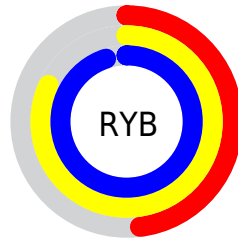
The Hex color **7AF3AA** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F37AC3**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B5FFE2**, and **3CBA75** is the 20% darker color. If you saturate the color by 10%, you get **62F39B**, and if you desaturate by 10%, it is **92F3B9**.

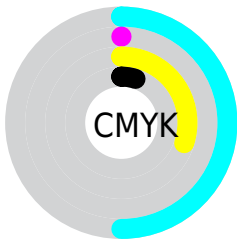
Distribution



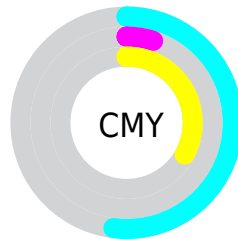
- Red (48%)
- Green (95%)
- Blue (67%)



- Red (48%)
- Yellow (82%)
- Blue (95%)



- Cyan (50%)
- Magenta (0%)
- Yellow (30%)
- Black (5%)



- Cyan (52%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AF3AA 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 7AF3AA by changing the saturation by 10% instead.

 7AF3AA

 7AF3AA

FFFFFF

 5CD68F

 B5FFE2

 3CBA75

 D2FFFE

 119E5C

 F0FFFF

 008444

 006A2D

 005017

 003800

 002200

 000000

 7AF3AA

 7AF3AA

 62F39B

 92F3B9

 49F38D

 ABF3C7

 31F37E

 C3F3D6

 19F36F

 DBF3E5

 01F361

 F3F3F3

 00F360

 FFF3FF

Harmonies

Analogous

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



BFEA80



7AF3AA



00F7E0

Triad

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



7AF3AA



8FDFFF



FFB6A4

Complementary

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



7AF3AA



F37AC3

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.



FFB0D7



7AF3AA



E8CBFF

Square

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



7AF3AA



00EDFF



FFB8FF



FFC87D

Rectangle

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



7AF3AA



00F7FF



FFB8FF



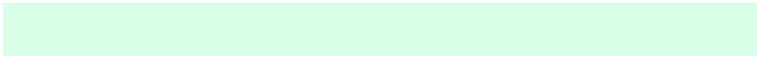
FFB2B4

Sweetspot

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



7AF3AA



D9FFE8



C5F37A



698072



000000



808080

Same Dimension

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



7AF3AA



66FFA3



7AF3E5



6E7A73



00BA4A



003B17

Inverse Universe

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



F37AC3



FF66C2



F37A88



7A6E76



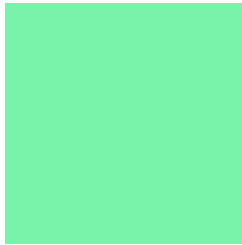
BA0070



3B0023

Previews

White Background



This preview shows how the Hex color 7AF3AA 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 7AF3AA 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 7AF3AA Background



This preview shows how black text looks on a background with the Hex color 7AF3AA.

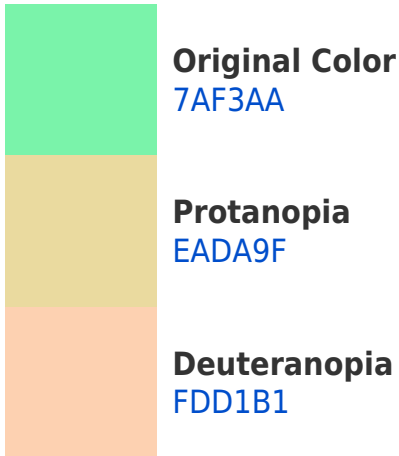


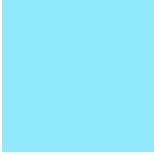
This preview shows how white text looks on a background with the Hex color 7AF3AA.

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





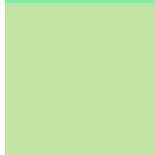
Tritanopia
8FE9FB

Trichromacy



Original Color

7AF3AA



Protanomaly

C1E3A3



Deuteranomaly

CDDDAE



Tritanomaly

87EDDE

Monochromacy



Original Color

7AF3AA



Achromatopsia

C6C6C6



Achromatomaly

AAD6BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AF3AA 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 #7AF3AA looks like.

```
.text, #text, p{  
    color:#7AF3AA  
}
```

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 #7AF3AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AF3AA
}
```

Border

The CSS property to change the border of an element to Hex 7AF3AA 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
#7AF3AA }
```

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

```
.border{ border-color:#7AF3AA }
```

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

Here you see how a box with a 4 pixel #7AF3AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AF3AA; -webkit-box-shadow:4px 4px  
4px 4px #7AF3AA; box-shadow:4px 4px 4px  
4px #7AF3AA }
```

Background

The CSS property to change the background color of an element to Hex 7AF3AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AF3AA }
```

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

```
.background{ background-color:#7AF3AA }
```

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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