

Converting Colors

Hex(7AF891)

Have a look what the booklet for
Hex(7AF891) contains.

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Color

Hex(7AF891)

Conversions

Conversions Part 1

Format	Color
Hex	7AF891
RGB	122, 248, 145
RGB Percent	48%, 97%, 57%
CMY	0.5216, 0.0275, 0.4314
CMYK	0.51, 0.00, 0.42, 0.03
HSL	131°, 90%, 73%
HSV	131°, 51%, 97%
XYZ	46.7043, 73.3167, 38.4780
YIQ	198.5840, -42.0330, -58.7450

Conversions

Conversions Part 2

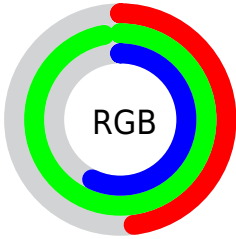
Format	Color
RYB	122, 229, 248
Decimal	8059025
CIELab	88.60, -56.30, 38.94
CIELCh	89, 68.455, 145.328
Yxy	73.3167, 0.2947, 0.4626
Android (android.graphics.Color)	4286249105 (0xFF7AF891)
YUV	198.5840, -26.4169, -67.1642
Hunter-Lab	85.6252, -52.4812, 33.2940

Details

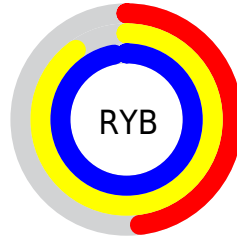
The Hex color **7AF891** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F87AE1**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B5FFC8**, and **3BBF5D** is the 20% darker color. If you saturate the color by 10%, you get **61F87D**, and if you desaturate by 10%, it is **93F8A5**.

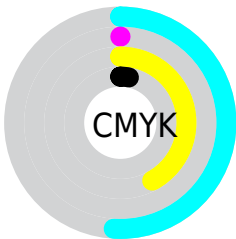
Distribution



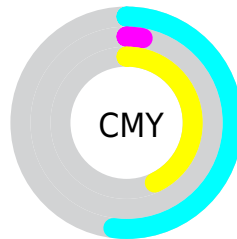
- Red (48%)
- Green (97%)
- Blue (57%)



- Red (48%)
- Yellow (90%)
- Blue (97%)



- Cyan (51%)
- Magenta (0%)
- Yellow (42%)
- Black (3%)



- Cyan (52%)
- Magenta (3%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AF891 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 7AF891 by changing the saturation by 10% instead.

 7AF891

FFFFFF

 B5FFC8

 D3FFE4

 F1FFFF

 7AF891

 5CDB77

 3BBF5D

 07A344

 00882B

 006D10

 005400

 003B00

 002400

 000000

 7AF891

 7AF891

 61F87D

 93F8A5

 48F868

 ACF8BA

 30F854

 C4F8CE

 17F840

 DDF8E2

 00F82D

 F6F8F6

 FFF8FF

Harmonies

Analogous

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



CCEB62



7AF891



00FED2

Triad

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



7AF891



12E9FF



FFAAAA

Complementary

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



7AF891



F87AE1

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.



FFA6EB



7AF891



D1D1FF

Square

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



7AF891



00F8FF



FFB7FF



FFBF74

Rectangle

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



7AF891



00FFFF



FFB7FF



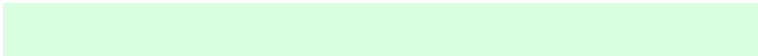
FFA6BF

Sweetspot

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



7AF891



D9FFE0



E3F87A



69806D



000000



808080

Same Dimension

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



7AF891



63FF80



7AF8CE



707D73



00BD22



003D0B

Inverse Universe

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



F87AE1



FF63E3



F87AA4



7D707B



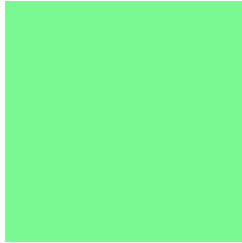
BD009A



3D0032

Previews

White Background



This preview shows how the Hex color 7AF891 looks on a white background.

Color Contrast Check

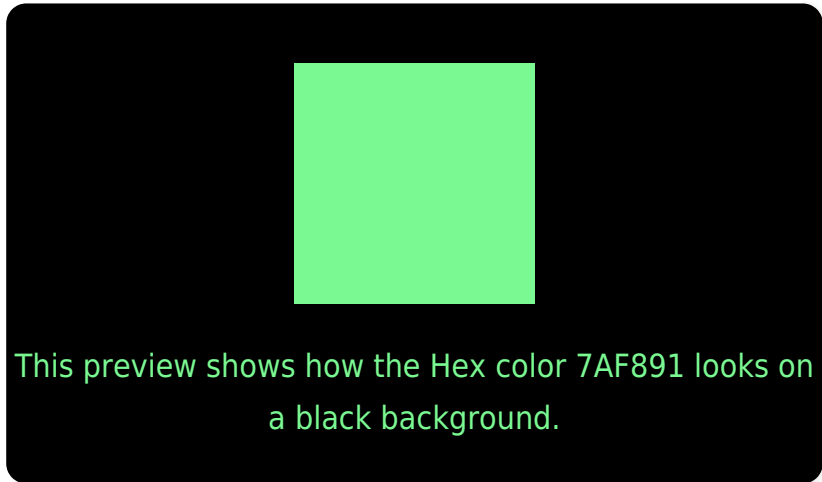
Large Text (above 18pt) WCAG AA × Fail

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

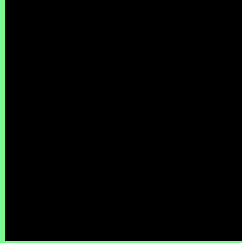
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

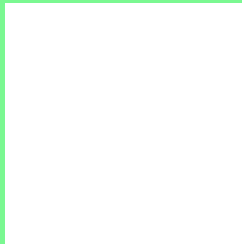
Any Text WCAG AAA ✓ Pass

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

Hex 7AF891 Background



This preview shows how black text looks on a background with the Hex color 7AF891.

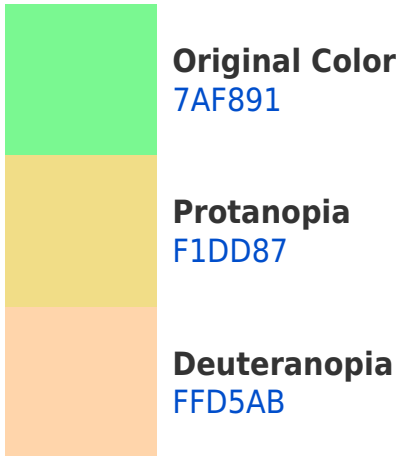


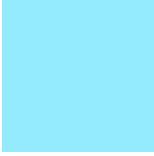
This preview shows how white text looks on a background with the Hex color 7AF891.

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



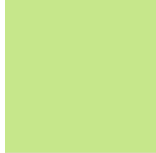


Tritanopia
94EBFE

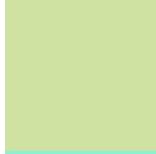
Trichromacy



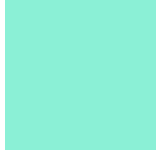
Original Color
7AF891



Protanomaly
C6E78B

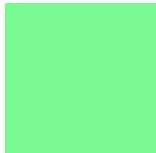


Deuteranomaly
CFE2A2

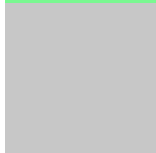


Tritanomaly
8BF0D6

Monochromacy



Original Color
7AF891



Achromatopsia
C7C7C7



Achromatomaly
ABD9B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AF891 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 #7AF891 looks like.

```
.text, #text, p{  
    color:#7AF891  
}
```

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 #7AF891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AF891
}
```

Border

The CSS property to change the border of an element to Hex 7AF891 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
#7AF891 }
```

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

```
.border{ border-color:#7AF891 }
```

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

Here you see how a box with a 4 pixel #7AF891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AF891; -webkit-box-shadow:4px 4px  
4px 4px #7AF891; box-shadow:4px 4px 4px  
4px #7AF891 }
```

Background

The CSS property to change the background color of an element to Hex 7AF891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AF891 }
```

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

```
.background{ background-color:#7AF891 }
```

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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