

Converting Colors

Hex(7AF393)

Have a look what the booklet for
Hex(7AF393) contains.

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Color

Hex(7AF393)

Conversions

Conversions Part 1

Format	Color
Hex	7AF393
RGB	122, 243, 147
RGB Percent	48%, 95%, 58%
CMY	0.5216, 0.0471, 0.4235
CMYK	0.50, 0.00, 0.40, 0.05
HSL	132°, 83%, 72%
HSV	132°, 50%, 95%
XYZ	45.3431, 70.3453, 38.7919
YIQ	195.8770, -41.3000, -55.5080

Conversions

Conversions Part 2

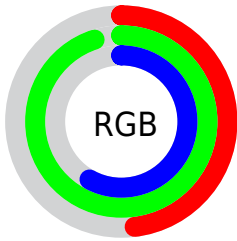
Format	Color
RYB	122, 222, 243
Decimal	8057747
CIELab	87.17, -54.00, 36.09
CIELCh	87, 64.946, 146.242
Yxy	70.3453, 0.2935, 0.4554
Android (android.graphics.Color)	4286247827 (0xFF7AF393)
YUV	195.8770, -24.0964, -64.7901
Hunter-Lab	83.8721, -50.2753, 31.2881

Details

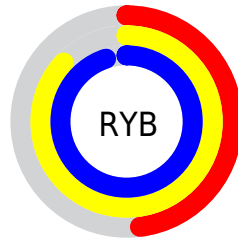
The Hex color **7AF393** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F37ADA**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B5FFCA**, and **3CBA5F** is the 20% darker color. If you saturate the color by 10%, you get **62F380**, and if you desaturate by 10%, it is **92F3A6**.

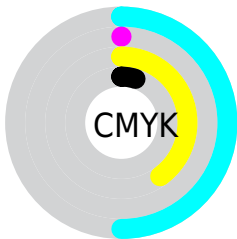
Distribution



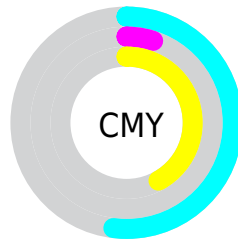
- Red (48%)
- Green (95%)
- Blue (58%)



- Red (48%)
- Yellow (87%)
- Blue (95%)



- Cyan (50%)
- Magenta (0%)
- Yellow (40%)
- Black (5%)



- Cyan (52%)
- Magenta (5%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AF393 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 7AF393 by changing the saturation by 10% instead.

 7AF393

 7AF393

FFFFFF

 5CD679

 B5FFCA

 3CBA5F

 D2FFE6

 0F9E46

 F0FFFF

 00832E

 006915

 005000

 003800

 002100

 000000

 7AF393

 7AF393

 62F380

 92F3A6

 49F36C

 ABF3BA

 31F359

 C3F3CD

 19F346

 DBF3E0

 01F333

 F3F3F3

 00F332

 FFF3FF

Harmonies

Analogous

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



C8E766



7AF393



00F9D0

Triad

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



7AF393



42E3FF



FFAA7

Complementary

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



7AF393



F37ADA

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.



FFA6E5



7AF393



D1CDFF

Square

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



7AF393



00F2FF



FFB5FF



FFBD75

Rectangle

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



7AF393



00F9FB



FFB5FF



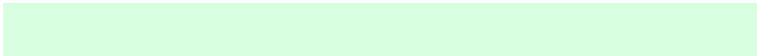
FFA6BB

Sweetspot

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



7AF393



D9FFE1



DBF37A



69806D



000000



808080

Same Dimension

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



7AF393



66FF86



7AF3CF



6E7A71



00BA26



003B0C

Inverse Universe

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



F37ADA



FF66DF



F37A9E



7A6E78



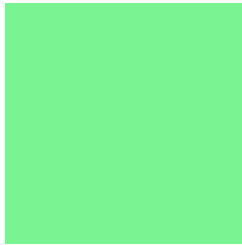
BA0094



3B002F

Previews

White Background



This preview shows how the Hex color 7AF393 looks on a white background.

Color Contrast Check

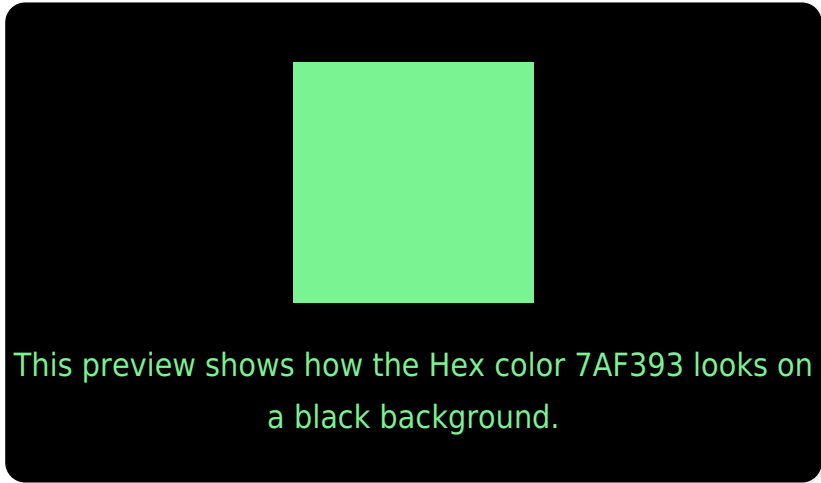
Large Text (above 18pt) WCAG AA × Fail

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

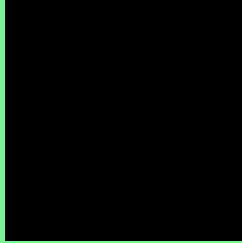
Any Text WCAG AA ✓ Pass

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 7AF393 Background



This preview shows how black text looks on a background with the Hex color 7AF393.

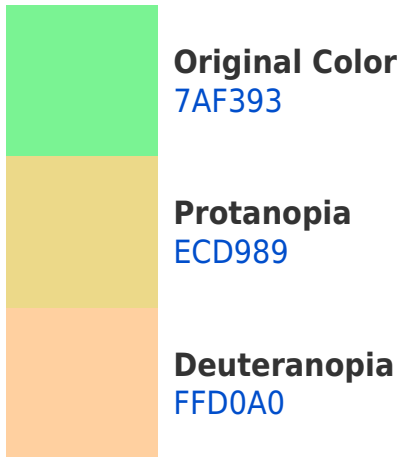


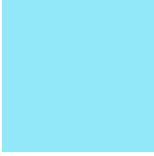
This preview shows how white text looks on a background with the Hex color 7AF393.

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



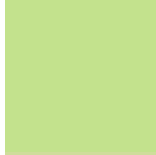


Tritanopia
92E7F9

Trichromacy



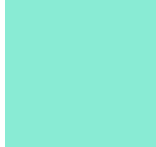
Original Color
7AF393



Protanomaly
C3E28D



Deuteranomaly
CFDD9B



Tritanomaly
89EBD4

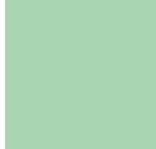
Monochromacy



Original Color
7AF393



Achromatopsia
C4C4C4



Achromatomaly
A9D5B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AF393 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 #7AF393 looks like.

```
.text, #text, p{  
    color:#7AF393  
}
```

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 #7AF393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AF393
}
```

Border

The CSS property to change the border of an element to Hex 7AF393 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
#7AF393 }
```

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

```
.border{ border-color:#7AF393 }
```

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

Here you see how a box with a 4 pixel #7AF393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AF393; -webkit-box-shadow:4px 4px  
4px 4px #7AF393; box-shadow:4px 4px 4px  
4px #7AF393 }
```

Background

The CSS property to change the background color of an element to Hex 7AF393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AF393 }
```

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

```
.background{ background-color:#7AF393 }
```

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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