

# Converting Colors

Hex(7FF8A2)

Have a look what the booklet for  
Hex(7FF8A2) contains.

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# **Color**

**Hex(7FF8A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FF8A2
RGB	127, 248, 162
RGB Percent	50%, 97%, 64%
CMY	0.5020, 0.0275, 0.3647
CMYK	0.49, 0.00, 0.35, 0.03
HSL	137°, 90%, 74%
HSV	137°, 49%, 97%
XYZ	48.8414, 74.2555, 45.9409
YIQ	202.0170, -44.5100, -52.3980

# Conversions

## Conversions Part 2

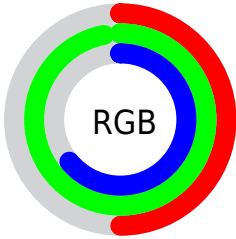
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">127, 221, 248</a>
Decimal	<a href="#">8386722</a>
CIELab	<a href="#">89.04, -52.29, 31.10</a>
CIElCh	<a href="#">89, 60.838, 149.254</a>
Yxy	<a href="#">74.2555, 0.2889, 0.4393</a>
Android (android.graphics.Color)	<a href="#">4286576802 (0xFF7FF8A2)</a>
YUV	<a href="#">202.0170, -19.7284, -65.7899</a>
Hunter-Lab	<a href="#">86.1716, -49.6279, 28.7107</a>

# Details

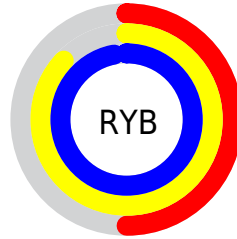
The Hex color **7FF8A2** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F87FD5**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **BAFFD9**, and **42BF6E** is the 20% darker color. If you saturate the color by 10%, you get **66F890**, and if you desaturate by 10%, it is **98F8B4**.

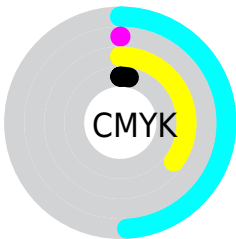
# Distribution



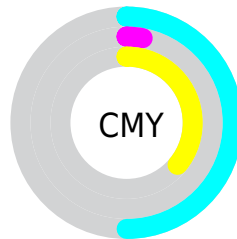
- Red (50%)
- Green (97%)
- Blue (64%)



- Red (50%)
- Yellow (87%)
- Blue (97%)



- Cyan (49%)
- Magenta (0%)
- Yellow (35%)
- Black (3%)



- Cyan (50%)
- Magenta (3%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FF8A2 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 7FF8A2 by changing the saturation by 10% instead.



 7FF8A2

 7FF8A2

FFFFFF

 61DB87

 BAFFD9

 42BF6E

 D7FFF6

 1BA355

 F5FFFF

 00883C

 006E25

 00540C

 003C00

 002500

 000000

 7FF8A2

 7FF8A2

 66F890

 98F8B4

 4DF87F

 B1F8C5

 35F86D

 C9F8D7

 1CF85B

 E2F8E9

 03F84A

 FBF8FA

 00F848

 FFF8FF

# Harmonies

## Analogous

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



C9ED76



7FF8A2



00FDDC

# Triad

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



7FF8A2



73E6FF



FFB4AA

# Complementary

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



7FF8A2



F87FD5

# 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.



FFAFE3



7FF8A2



E1D1FF

# Square

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



7FF8A2



00F5FF



FFBBFF



FFC77D

# Rectangle

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



7FF8A2



00DFF



FFBFF



FFB1BC

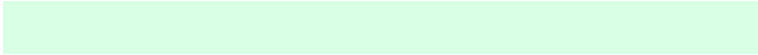


# Sweetspot

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



7FF8A2



D9FFE4



D6F87F



69806F



000000



808080



# Same Dimension

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



7FF8A2



69FF94



7FF8DE



707D74



00BD37



003D12



# Inverse Universe

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



F87FD5



FF69D3



F87F99



7D7079



BD0086

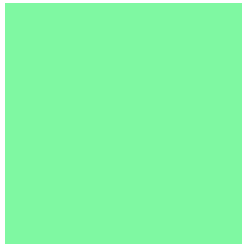


3D002B



# Previews

## White Background



This preview shows how the Hex color 7FF8A2 looks on a white background.

## Color Contrast Check

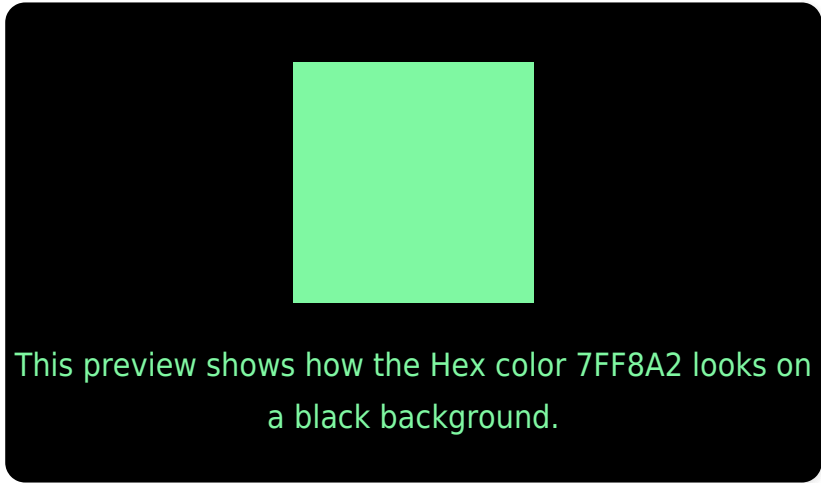
Large Text (above 18pt) WCAG AA × Fail

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 7FF8A2 Background



This preview shows how black text looks on a background with the Hex color 7FF8A2.

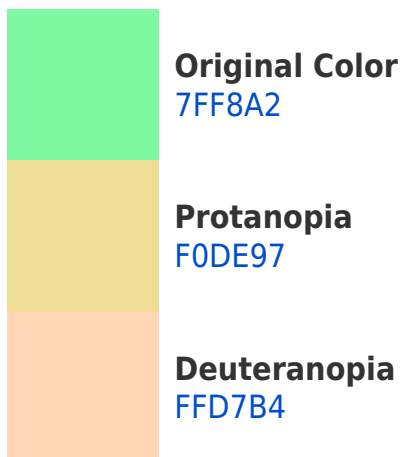


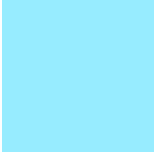
This preview shows how white text looks on a background with the Hex color 7FF8A2.

# 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**  
97ECFF

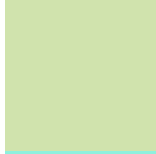
# Trichromacy



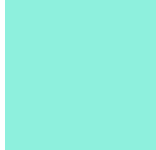
**Original Color**  
7FF8A2



**Protanomaly**  
C7E79B

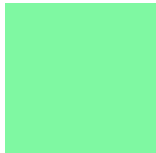


**Deuteranomaly**  
D0E3AD

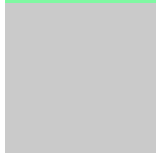


**Tritanomaly**  
8EF0DD

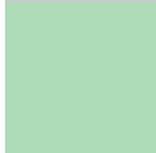
# Monochromacy



**Original Color**  
7FF8A2



**Achromatopsia**  
CACACA



**Achromatomaly**  
AFDBBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FF8A2 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 #7FF8A2 looks like.

```
.text, #text, p{  
    color:#7FF8A2  
}
```

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 #7FF8A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FF8A2
}
```

## Border

The CSS property to change the border of an element to Hex 7FF8A2 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
#7FF8A2 }
```

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

```
.border{ border-color:#7FF8A2 }
```

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

Here you see how a box with a 4 pixel #7FF8A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FF8A2; -webkit-box-shadow:4px 4px  
4px 4px #7FF8A2; box-shadow:4px 4px 4px  
4px #7FF8A2 }
```

# Background

The CSS property to change the background color of an element to Hex 7FF8A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FF8A2 }
```

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

```
.background{ background-color:#7FF8A2 }
```

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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