

# Converting Colors

Hex(8FF793)

Have a look what the booklet for  
Hex(8FF793) contains.

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# **Color**

**Hex(8FF793)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FF793
RGB	143, 247, 147
RGB Percent	56%, 97%, 58%
CMY	0.4392, 0.0314, 0.4235
CMYK	0.42, 0.00, 0.40, 0.03
HSL	122°, 87%, 76%
HSV	122°, 42%, 97%
XYZ	49.8549, 74.4678, 39.3498
YIQ	204.5040, -29.8840, -53.1480

# Conversions

## Conversions Part 2

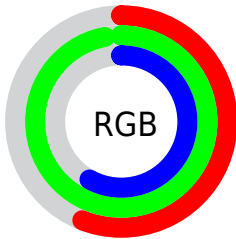
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">143, 243, 247</a>
Decimal	<a href="#">9435027</a>
CIELab	<a href="#">89.14, -49.97, 38.82</a>
CIELCh	<a href="#">89, 63.275, 142.154</a>
Yxy	<a href="#">74.4678, 0.3046, 0.4550</a>
Android (android.graphics.Color)	<a href="#">4287625107 (0xFF8FF793)</a>
YUV	<a href="#">204.5040, -28.3495, -53.9390</a>
Hunter-Lab	<a href="#">86.2947, -47.8912, 33.3704</a>

# Details

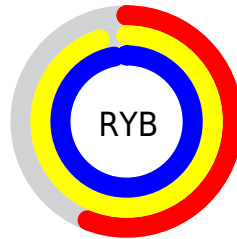
The Hex color **8FF793** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F78FF3**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **C9FFCA**, and **55BE5F** is the 20% darker color. If you saturate the color by 10%, you get **76F77B**, and if you desaturate by 10%, it is **A8F7AB**.

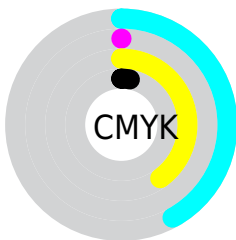
# Distribution



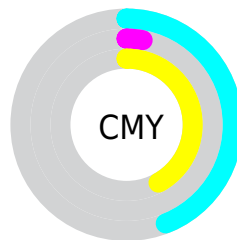
- Red (56%)
- Green (97%)
- Blue (58%)



- Red (56%)
- Yellow (95%)
- Blue (97%)



- Cyan (42%)
- Magenta (0%)
- Yellow (40%)
- Black (3%)



- Cyan (44%)
- Magenta (3%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FF793 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 8FF793 by changing the saturation by 10% instead.



 8FF793

 8FF793

FFFFFF

 72DA79

 C9FFCA

 55BE5F

 E6FFE6

 37A246

 0C872D

 006D13

 005400

 003C00

 002600

 000000

 8FF793

 8FF793

 76F77B

 A8F7AB

 5EF763

 C0F7C3

 45F74C

 D9F7DA

 2CF734

 F2F7F2

 14F71C

 FFF7FF

 00F709

# Harmonies

## Analogous

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



D7EA6B



8FF793



00FECD

# Triad

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



8FF793



34EBFF



FFAFB6

# Complementary

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



8FF793



F78FF3

# 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.



FFAEF2



8FF793



CAD6FF

# Square

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



8FF793



00F8FF



FFBFFF



FFC182

# Rectangle

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



8FF793



00FFF7



FFBFFF



FFADCA

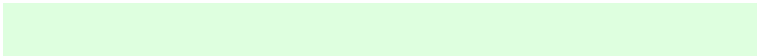


# Sweetspot

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



8FF793



DEFFDF



F4F78F



6B806C



000000



808080



# Same Dimension

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



8FF793



7DFF82



8FF7C6



6E7A6F



00BA07



003B02



# Inverse Universe

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



F78FF3



FF7DFA



F78FC0



7A6E7A



BA00B3

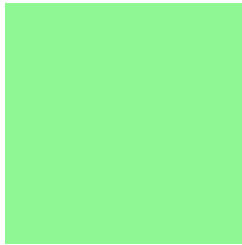


3B0038



# Previews

## White Background



This preview shows how the Hex color 8FF793 looks on a white background.

## Color Contrast Check

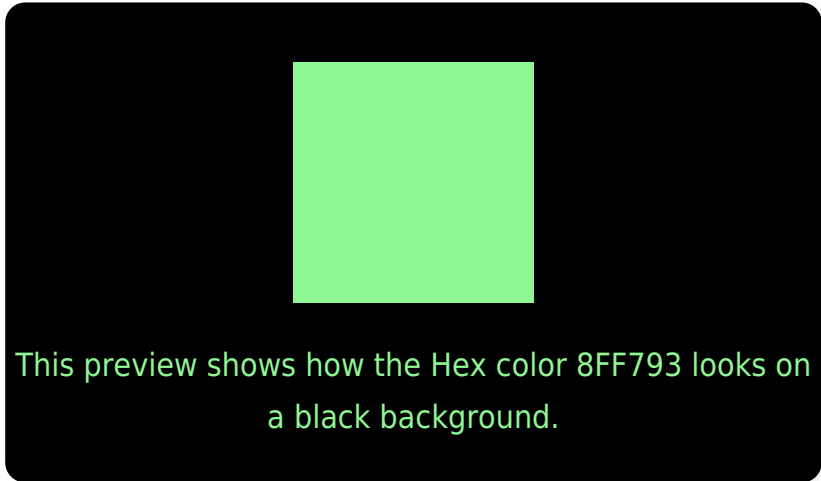
Large Text (above 18pt) WCAG AA × Fail

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

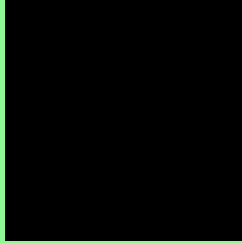
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8FF793 Background



This preview shows how black text looks on a background with the Hex color 8FF793.

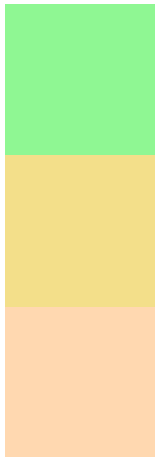


This preview shows how white text looks on a background with the Hex color 8FF793.

# 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



**Original Color**  
8FF793

**Protanopia**  
F3DF8A

**Deuteranopia**  
FFD8B0

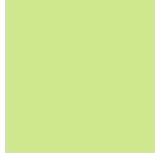


**Tritanopia**  
A5EAFD

# Trichromacy



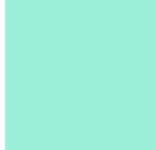
**Original Color**  
8FF793



**Protanomaly**  
CFE88D



**Deuteranomaly**  
D6E3A5

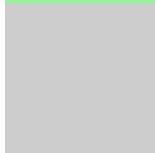


**Tritanomaly**  
9DEFD6

# Monochromacy



**Original Color**  
8FF793



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
B6DCB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FF793 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 #8FF793 looks like.

```
.text, #text, p{  
    color:#8FF793  
}
```

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 #8FF793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FF793
}
```

## Border

The CSS property to change the border of an element to Hex 8FF793 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
#8FF793 }
```

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

```
.border{ border-color:#8FF793 }
```

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

Here you see how a box with a 4 pixel #8FF793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FF793; -webkit-box-shadow:4px 4px  
4px 4px #8FF793; box-shadow:4px 4px 4px  
4px #8FF793 }
```

# Background

The CSS property to change the background color of an element to Hex 8FF793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FF793 }
```

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

```
.background{ background-color:#8FF793 }
```

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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