

# Converting Colors

Hex(80F893)

Have a look what the booklet for  
Hex(80F893) contains.

<b>Hex(80F893)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(80F893)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80F893
RGB	128, 248, 147
RGB Percent	50%, 97%, 58%
CMY	0.4980, 0.0275, 0.4235
CMYK	0.48, 0.00, 0.41, 0.03
HSL	130°, 90%, 74%
HSV	130°, 48%, 97%
XYZ	47.7359, 73.8306, 39.3385
YIQ	200.6060, -39.0990, -56.8510

# Conversions

## Conversions Part 2

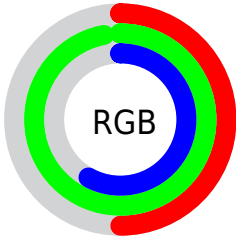
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 232, 248</a>
Decimal	<a href="#">8452243</a>
CIELab	<a href="#">88.84, -54.47, 38.32</a>
CIElCh	<a href="#">89, 66.594, 144.873</a>
Yxy	<a href="#">73.8306, 0.2967, 0.4588</a>
Android (android.graphics.Color)	<a href="#">4286642323 (0xFF80F893)</a>
YUV	<a href="#">200.6060, -26.4278, -63.6755</a>
Hunter-Lab	<a href="#">85.9247, -51.2016, 33.0028</a>

# Details

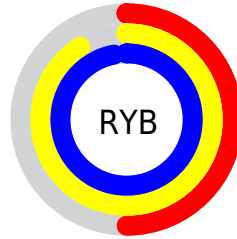
The Hex color **80F893** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F880E5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **BBFFCA**, and **43BF5F** is the 20% darker color. If you saturate the color by 10%, you get **67F87E**, and if you desaturate by 10%, it is **99F8A8**.

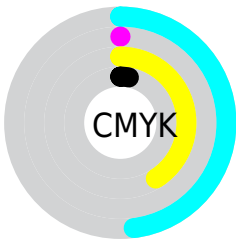
# Distribution



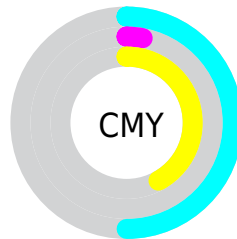
- Red (50%)
- Green (97%)
- Blue (58%)



- Red (50%)
- Yellow (91%)
- Blue (97%)



- Cyan (48%)
- Magenta (0%)
- Yellow (41%)
- Black (3%)



- Cyan (50%)
- Magenta (3%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80F893 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 80F893 by changing the saturation by 10% instead.



 80F893

 80F893

FFFFFF

 62DB79

 BBFFCA

 43BF5F

 D8FFE6

 1CA346

 F7FFFF

 00882D

 006E13

 005400

 003C00

 002500

 000000

 80F893

 80F893

 67F87E

 99F8A8

 4EF869

 B2F8BD

 36F854

 CAF8D2

 1DF840

 E3F8E6

 04F82B

 FCF8FB

 00F827

 FFF8FF

# Harmonies

## Analogous

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



CFEB66



80F893



00FED2

# Triad

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



80F893



2DE9FF



FFACAD

# Complementary

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



80F893



F880E5

# 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.



FFA9ED



80F893



D1D3FF

# Square

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



80F893



00F8FF



FFB9FF



FFC078

# Rectangle

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



80F893



00FFFE



FFB9FF



FFA9C2

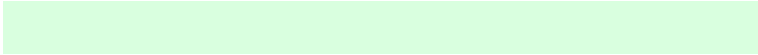


# Sweetspot

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



80F893



D9FFDF



E6F880



69806C



000000



808080



# Same Dimension

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



80F893



6BFF83



80F8CE



707D72



00BD1E



003D0A



# Inverse Universe

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



F880E5



FF6BE8



F880AA



7D707B



BD009F

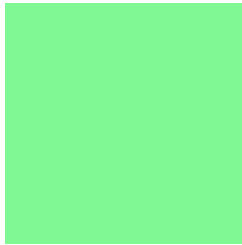


3D0034



# Previews

## White Background



This preview shows how the Hex color 80F893 looks on a white background.

## Color Contrast Check

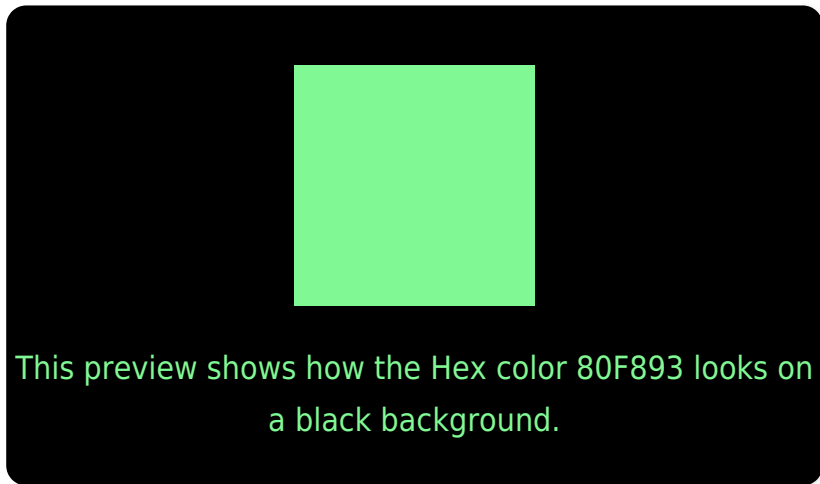
Large Text (above 18pt) WCAG AA × Fail

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

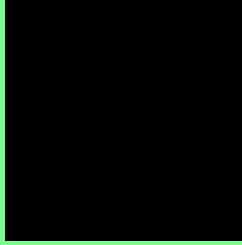
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

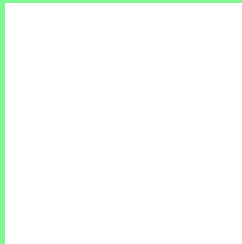
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80F893 Background



This preview shows how black text looks on a background with the Hex color 80F893.

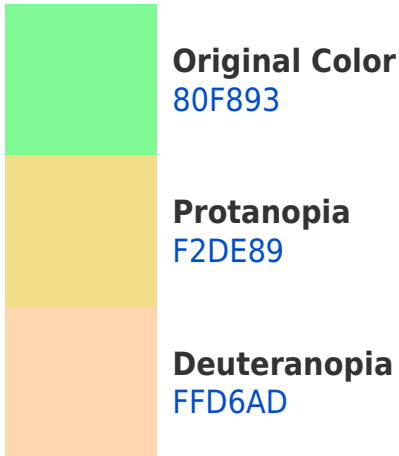


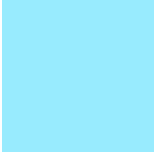
This preview shows how white text looks on a background with the Hex color 80F893.

# 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**  
98EBFE

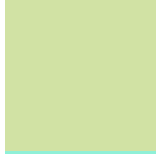
# Trichromacy



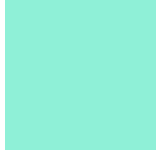
**Original Color**  
80F893



**Protanomaly**  
C9E78D



**Deuteranomaly**  
D1E2A4

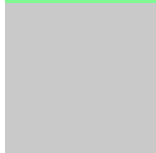


**Tritanomaly**  
8FF0D7

# Monochromacy



**Original Color**  
80F893



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
AEDAB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80F893 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 #80F893 looks like.

```
.text, #text, p{  
    color:#80F893  
}
```

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 #80F893 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80F893
}
```

## Border

The CSS property to change the border of an element to Hex 80F893 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
#80F893 }
```

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

```
.border{ border-color:#80F893 }
```

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

Here you see how a box with a 4 pixel #80F893 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80F893; -webkit-box-shadow:4px 4px  
4px 4px #80F893; box-shadow:4px 4px 4px  
4px #80F893 }
```

# Background

The CSS property to change the background color of an element to Hex 80F893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80F893 }
```

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

```
.background{ background-color:#80F893 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor