

# Converting Colors

Hex(8FF3D7)

Have a look what the booklet for  
Hex(8FF3D7) contains.

<b>Hex(8FF3D7)</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(8FF3D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FF3D7
RGB	143, 243, 215
RGB Percent	56%, 95%, 84%
CMY	0.4392, 0.0471, 0.1569
CMYK	0.41, 0.00, 0.12, 0.05
HSL	163°, 81%, 76%
HSV	163°, 41%, 95%
XYZ	55.6440, 74.8471, 75.8042
YIQ	209.9080, -50.6120, -29.9080

# Conversions

## Conversions Part 2

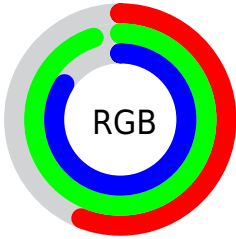
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 201, 243
Decimal	9434071
CIE <sub>Lab</sub>	89.32, -35.69, 4.33
CIE <sub>LCh</sub>	89, 35.956, 173.084
Yxy	74.8471, 0.2697, 0.3628
Android (android.graphics.Color)	4287624151 (0xFF8FF3D7)
YUV	209.9080, 2.5104, -58.6783
Hunter-Lab	86.5142, -36.5927, 8.6098

# Details

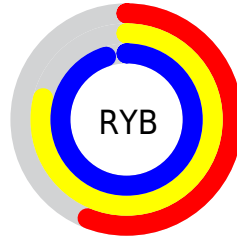
The Hex color **8FF3D7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F38FAB**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **C9FFFF**, and **56BAA0** is the 20% darker color. If you saturate the color by 10%, you get **77F3D0**, and if you desaturate by 10%, it is **A7F3DE**.

# Distribution



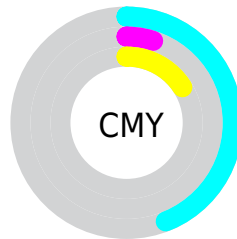
- Red (56%)
- Green (95%)
- Blue (84%)



- Red (56%)
- Yellow (79%)
- Blue (95%)



- Cyan (41%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)



- Cyan (44%)
- Magenta (5%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FF3D7 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 8FF3D7 by changing the saturation by 10% instead.



 8FF3D7

 8FF3D7

FFFFFF

 73D6BB

 C9FFFF

 56BAA0

 E6FFFF

 389F86

 11846D

 006B55

 00523D

 003A28

 002513

 000000

 8FF3D7

 8FF3D7

 77F3D0

 A7F3DE

 5EF3C9

 C0F3E5

 46F3C3

 D8F3EB

 2EF3BC

 F0F3F2

 16F3B5

 FFF3F9

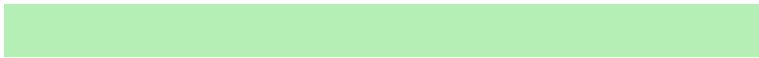
 00F3AF

 FFF3FF

# Harmonies

## Analogous

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



B6EFB6



8FF3D7



75F3FA

# Triad

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



8FF3D7



DBDAFF



FFD0AB

# Complementary

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



8FF3D7



F38FAB

# 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.



FFC8C7



8FF3D7



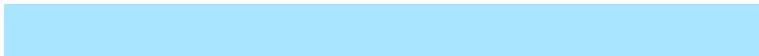
FFCFFF

# Square

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



8FF3D7



A8E6FF



FFC8EA



FFDC9D

# Rectangle

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



8FF3D7



77F1FF



FFC8EA



FFCDB3

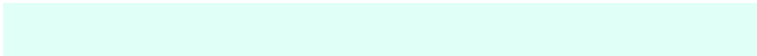


# Sweetspot

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



8FF3D7



E0FFF6



ABF38F



6E807B



000000



808080

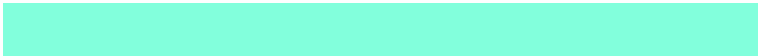


# Same Dimension

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



8FF3D7



82FFDC



8FDDF3



6E7A77



00BA86



003B2A



# Inverse Universe

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



F38FAB



FF82A5



F3A58F



7A6E72



BA0034

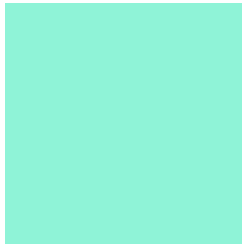


3B0010



# Previews

## White Background



This preview shows how the Hex color 8FF3D7 looks on a white background.

## Color Contrast Check

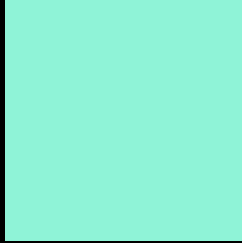
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 8FF3D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

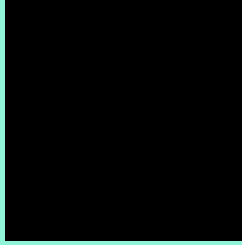
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8FF3D7 Background



This preview shows how black text looks on a background with the Hex color 8FF3D7.



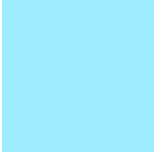
This preview shows how white text looks on a background with the Hex color 8FF3D7.

# 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



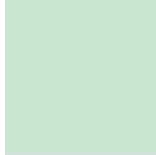


**Tritanopia**  
9DEDFE

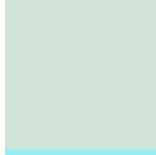
# Trichromacy



**Original Color**  
8FF3D7



**Protanomaly**  
C8E6D0



**Deuteranomaly**  
D1E2DB

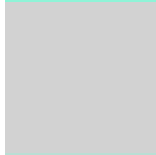


**Tritanomaly**  
98EFF0

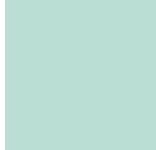
# Monochromacy



**Original Color**  
8FF3D7



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
BADED4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FF3D7 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 #8FF3D7 looks like.

```
.text, #text, p{  
    color:#8FF3D7  
}
```

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 #8FF3D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FF3D7
}
```

## Border

The CSS property to change the border of an element to Hex 8FF3D7 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
#8FF3D7 }
```

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

```
.border{ border-color:#8FF3D7 }
```

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

Here you see how a box with a 4 pixel #8FF3D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FF3D7; -webkit-box-shadow:4px 4px  
4px 4px #8FF3D7; box-shadow:4px 4px 4px  
4px #8FF3D7 }
```

# Background

The CSS property to change the background color of an element to Hex 8FF3D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FF3D7 }
```

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

```
.background{ background-color:#8FF3D7 }
```

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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