

# Converting Colors

Hex(8EFFE6)

Have a look what the booklet for  
Hex(8EFFE6) contains.

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# **Color**

**Hex(8EFFE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EFFE6
RGB	142, 255, 230
RGB Percent	56%, 100%, 90%
CMY	0.4431, 0.0000, 0.0980
CMYK	0.44, 0.00, 0.10, 0.00
HSL	167°, 100%, 78%
HSV	167°, 44%, 100%
XYZ	61.1983, 82.9840, 87.6549
YIQ	218.3630, -59.3230, -31.7310

# Conversions

## Conversions Part 2

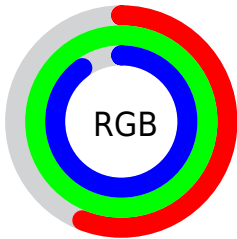
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 206, 255
Decimal	9371622
CIELab	93.01, -38.11, 1.89
CIELCh	93, 38.152, 177.158
Yxy	82.9840, 0.2640, 0.3579
Android (android.graphics.Color)	4287561702 (0xFF8EFFE6)
YUV	218.3630, 5.7370, -66.9704
Hunter-Lab	91.0955, -39.5003, 6.7162

# Details

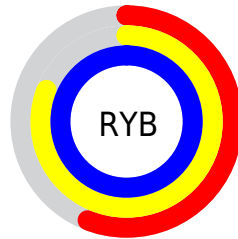
The Hex color **8EFFE6** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF8EA7**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **C9FFFF**, and **53C6AF** is the 20% darker color. If you saturate the color by 10%, you get **75FFE0**, and if you desaturate by 10%, it is **A8FFEC**.

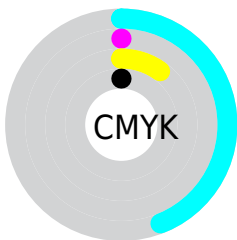
# Distribution



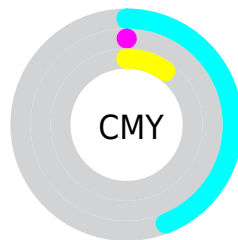
- Red (56%)
- Green (100%)
- Blue (90%)



- Red (56%)
- Yellow (81%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (44%)
- Magenta (0%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EFFE6 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 8EFFE6 by changing the saturation by 10% instead.



 8EFFE6

 8EFFE6

FFFFFF

 71E2CA

 C9FFFF

 53C6AF

 E6FFFF

 32AA94

 008F7A

 007561

 005C4A

 004333

 002D1E

 001306

 8EFFE6

 8EFFE6

 75FFE0

 A8FFEC

 5BFFDB

 C1FFF1

 42FFD5

 DBFFF7

 28FFCF

 F4FFFD

 0FFPCA

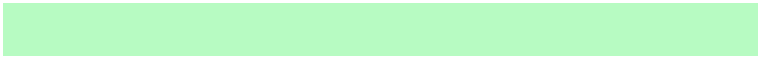
FFFFFF

 00FC7

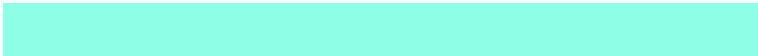
# Harmonies

## Analogous

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



B7FBC2



8EFFE6



75FEFF

# Triad

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



8EFFE6



EBE3FF



FFDBAE

# Complementary

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



8EFFE6



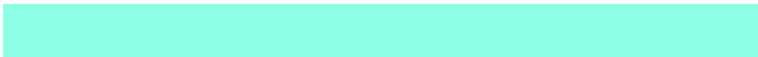
FF8EA7

# 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.



FFD2CB



8EFFE6



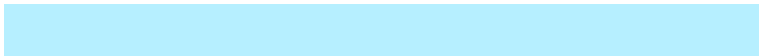
FFD7FF

# Square

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



8EFFE6



B6EFFF



FFD0F0



FFE7A2

# Rectangle

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



8EFFE6



7BFBFF



FFD0F0

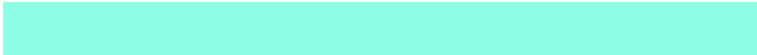


FFD7B7

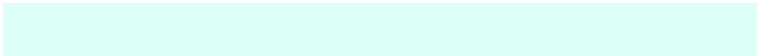


# Sweetspot

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



8EFFE6



DEFFF8



A8FF8E



6B807B



000000



808080



# Same Dimension

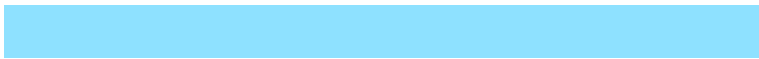
The Same Dimension uses a secret algorithm to generate beautiful new colors.



8EFFE6



78FFE1



8EE1FF



73807D



00BF95



004032



# Inverse Universe

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



FF8EA7



FF7896



FFAC8E



807376



BF002A

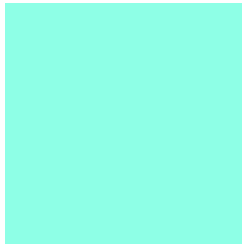


40000E



# Previews

## White Background



This preview shows how the Hex color 8EFFE6 looks on a white background.

## Color Contrast Check

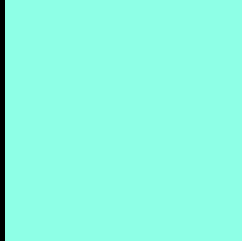
Large Text (above 18pt) WCAG AA × Fail

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 8EFFE6 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 8EF FE6 Background



This preview shows how black text looks on a background with the Hex color 8EF FE6.

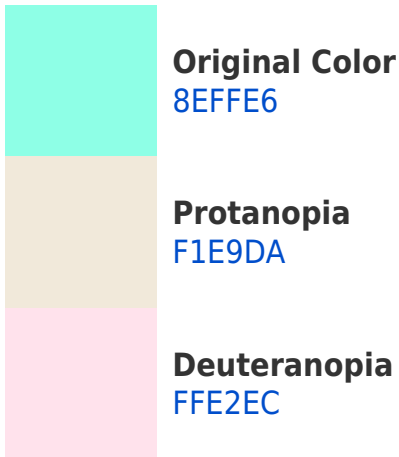


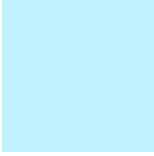
This preview shows how white text looks on a background with the Hex color 8EF FE6.

# 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**  
C0F3FF

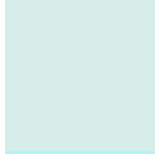
# Trichromacy



**Original Color**  
8EFFE6



**Protanomaly**  
CDF1DE



**Deuteranomaly**  
D6EDEA

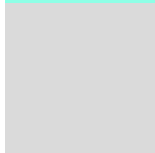


**Tritanomaly**  
AEF7F6

# Monochromacy



**Original Color**  
8EFFE6



**Achromatopsia**  
DADADA



**Achromatomaly**  
BEE7DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EFFE6 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 #8EFFE6 looks like.

```
.text, #text, p{  
    color:#8EFFE6  
}
```

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 #8EFFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EFFE6  
}
```

## Border

The CSS property to change the border of an element to Hex 8EFFE6 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  
#8EFFE6 }
```

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

```
.border{ border-color:#8EFFE6 }
```

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

Here you see how a box with a 4 pixel #8EFFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EFFE6; -webkit-box-shadow:4px 4px  
4px 4px #8EFFE6; box-shadow:4px 4px 4px  
4px #8EFFE6 }
```

# Background

The CSS property to change the background color of an element to Hex 8EFFE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EFFE6 }
```

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

```
.background{ background-color:#8EFFE6 }
```

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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