

# Converting Colors

Hex(88FECE)

Have a look what the booklet for  
Hex(88FECE) contains.

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**Color**

**Hex(88FECE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88FECE
RGB	136, 254, 206
RGB Percent	53%, 100%, 81%
CMY	0.4667, 0.0039, 0.1922
CMYK	0.46, 0.00, 0.19, 0.00
HSL	156°, 98%, 76%
HSV	156°, 46%, 100%
XYZ	56.7357, 80.5741, 70.9546
YIQ	213.2460, -54.9200, -39.9440

# Conversions

## Conversions Part 2

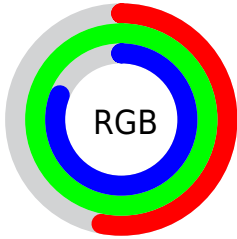
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 210, 254
Decimal	8978126
CIELab	91.94, -44.27, 12.71
CIELCh	92, 46.061, 163.980
Yxy	80.5741, 0.2724, 0.3869
Android (android.graphics.Color)	4287168206 (0xFF88FECE)
YUV	213.2460, -3.5723, -67.7447
Hunter-Lab	89.7631, -44.2625, 15.9675

# Details

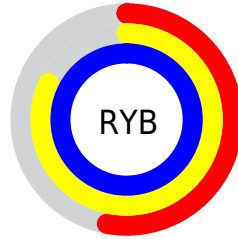
The Hex color **88FECE** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FE88B8**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **C3FFFF**, and **4CC598** is the 20% darker color. If you saturate the color by 10%, you get **6FFEC4**, and if you desaturate by 10%, it is **A1FED8**.

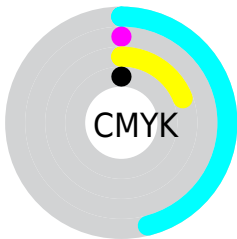
# Distribution



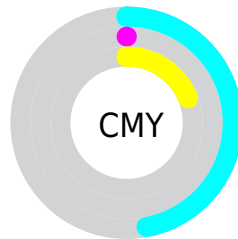
- Red (53%)
- Green (100%)
- Blue (81%)



- Red (53%)
- Yellow (82%)
- Blue (100%)



- Cyan (46%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88FECE 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 88FECE by changing the saturation by 10% instead.



 88FECE

FFFFFF

 C3FFFF

 E0FFFF

FEFFFF

 88FECE

 6BE1B2

 4CC598

 2AA97E

 008E65

 00744D


 005A36

 004220

 002C0A

 000D00

 88FECE

 88FECE

 6FFEC4

 A1FED8

 55FEB9

 BBFEE3

 3CFEAF

 D4FEED

 22FEA5

 EEFEF7

 09FE9A

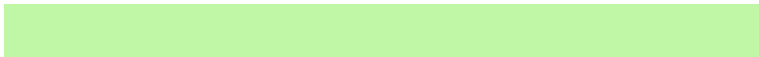
FFFEFF

 00FE97

# Harmonies

## Analogous

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



BFF7A7



88FECE



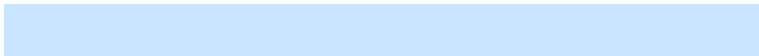
4DFFFC

# Triad

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



88FECE



CAE5FF



FFCEAC

# Complementary

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



88FECE



FE88B8

# 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.



FFC6D5



88FECE



FFD5FF

# Square

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



88FECE



80F3FF



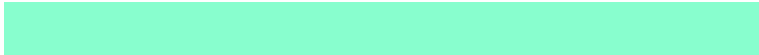
FFC9FF



FFDD93

# Rectangle

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



88FECE



35FEFF



FFC9FF



FFCBB9

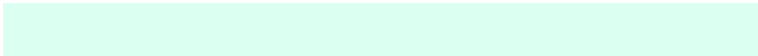


# Sweetspot

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



88FECE



DBFFF0



B9FE88



6A8077



000000

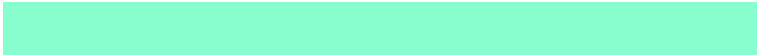


808080



# Same Dimension

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



88FECE



70FFC5



88F4FE



73807A



00BF71



004026



# Inverse Universe

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



FE88B8



FF70AA



FE9288



807378



BF004E

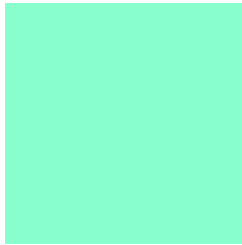


40001A



# Previews

## White Background



This preview shows how the Hex color 88FECE looks on a white background.

## Color Contrast Check

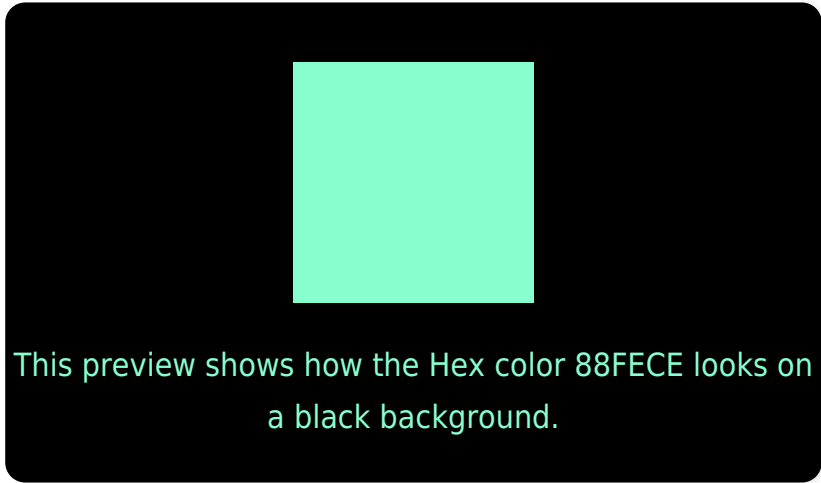
Large Text (above 18pt) WCAG AA × Fail

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 88FECE Background



This preview shows how black text looks on a background with the Hex color 88FECE.

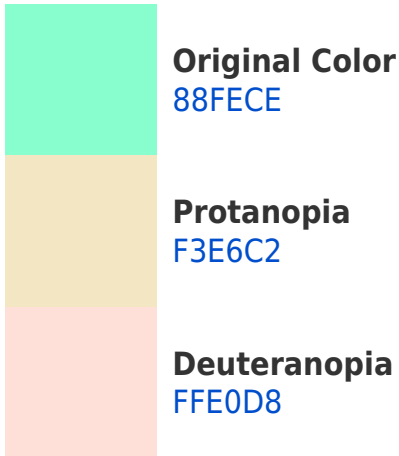


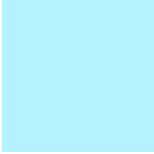
This preview shows how white text looks on a background with the Hex color 88FECE.

# 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**  
B6F1FF

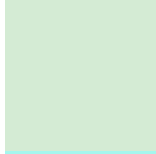
# Trichromacy



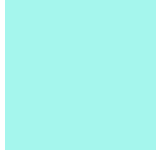
**Original Color**  
88FECE



**Protanomaly**  
CCEFC6

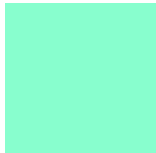


**Deuteranomaly**  
D4EBD4

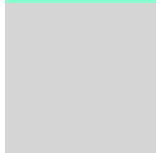


**Tritanomaly**  
A5F6ED

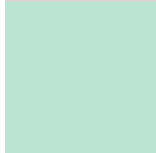
# Monochromacy



**Original Color**  
88FECE



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
B9E4D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88FECE 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 #88FECE looks like.

```
.text, #text, p{  
    color:#88FECE  
}
```

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 #88FECE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88FECE
}
```

## Border

The CSS property to change the border of an element to Hex 88FECE 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
#88FECE }
```

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

```
.border{ border-color:#88FECE }
```

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

Here you see how a box with a 4 pixel #88FECE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88FECE; -webkit-box-shadow:4px 4px  
4px 4px #88FECE; box-shadow:4px 4px 4px  
4px #88FECE }
```

# Background

The CSS property to change the background color of an element to Hex 88FECE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88FECE }
```

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

```
.background{ background-color:#88FECE }
```

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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