

# Converting Colors

Hex(8FE5B4)

Have a look what the booklet for  
Hex(8FE5B4) contains.

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# Color

**Hex(8FE5B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FE5B4
RGB	143, 229, 180
RGB Percent	56%, 90%, 71%
CMY	0.4392, 0.1020, 0.2941
CMYK	0.38, 0.00, 0.21, 0.10
HSL	146°, 62%, 73%
HSV	146°, 38%, 90%
XYZ	47.5852, 65.1736, 53.2518
YIQ	197.7000, -35.5270, -33.4710

# Conversions

## Conversions Part 2

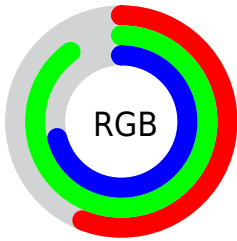
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 203, 229
Decimal	9430452
CIELab	84.57, -36.48, 15.83
CIELCh	85, 39.768, 156.548
Yxy	65.1736, 0.2866, 0.3926
Android (android.graphics.Color)	4287620532 (0xFF8FE5B4)
YUV	197.7000, -8.7261, -47.9719
Hunter-Lab	80.7301, -36.0635, 17.4018

# Details

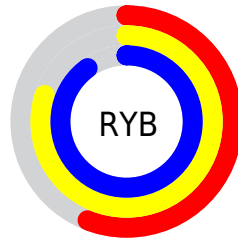
The Hex color **8FE5B4** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E58FC0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C7FFEC**, and **58AD7F** is the 20% darker color. If you saturate the color by 10%, you get **78E5A7**, and if you desaturate by 10%, it is **A6E5C1**.

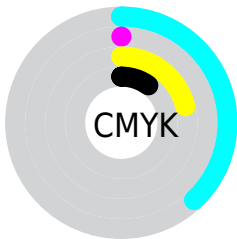
# Distribution



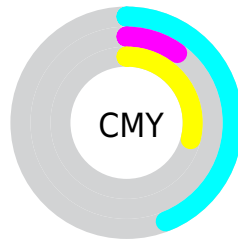
- Red (56%)
- Green (90%)
- Blue (71%)



- Red (56%)
- Yellow (80%)
- Blue (90%)



- Cyan (38%)
- Magenta (0%)
- Yellow (21%)
- Black (10%)



- Cyan (44%)
- Magenta (10%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FE5B4 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 8FE5B4 by changing the saturation by 10% instead.



 8FE5B4

 8FE5B4

FFFFFF


 74C999

 C7FFEC

 58AD7F

 E4FFFF

 3D9266

 1E784E

 005F37

 004621

 002F0B

 001900

 000000

 8FE5B4

 8FE5B4

 78E5A7

 A6E5C1

 61E59A

 BDE5CE

 4AE58D

 D4E5DB

 33E580

 EBE5E8

 1DE573

 FFE5F5

 06E566

 FFE5FF

 00E563

# Harmonies

## Analogous

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



BCDE96



8FE5B4



62E8DA

# Triad

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



8FE5B4



ACD4FF



FFBBA8

# Complementary

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



8FE5B4



E58FC0

# 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.



FFB6CC



8FE5B4



E3C6FF

# Square

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



8FE5B4



71DFFF



FFBBF2



FFC78F

# Rectangle

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



8FE5B4



4EE7F3



FFBBF2



FFB9B3

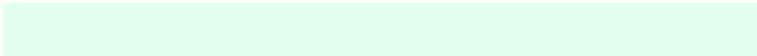


# Sweetspot

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



8FE5B4



E3FFEF



C1E58F



6F8076



000000



808080

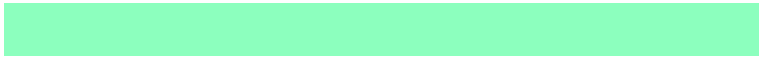


# Same Dimension

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



8FE5B4



8CFFBE



8FE5DE



67736C



00B34D



003316



# Inverse Universe

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



E58FC0



FF8CCE



E58F96



73676E



B30066

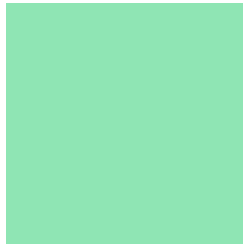


33001D



# Previews

## White Background



This preview shows how the Hex color 8FE5B4 looks on a white background.

## Color Contrast Check

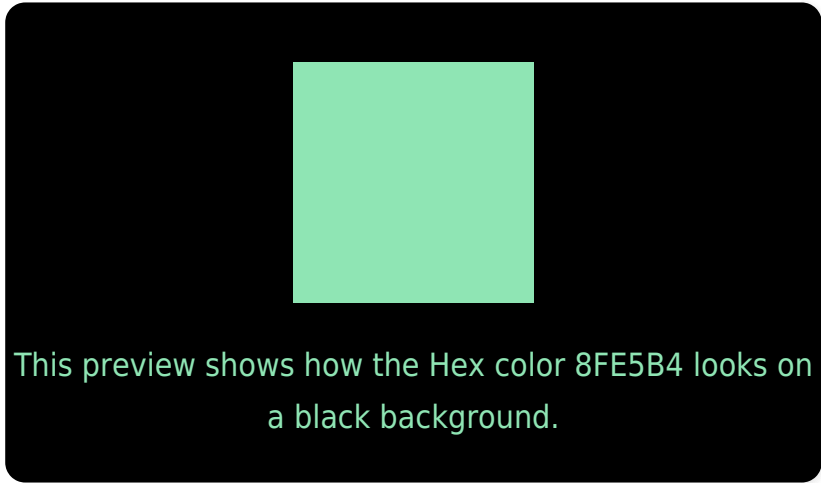
Large Text (above 18pt) WCAG AA × Fail

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

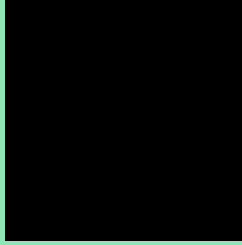
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8FE5B4 Background



This preview shows how black text looks on a background with the Hex color 8FE5B4.

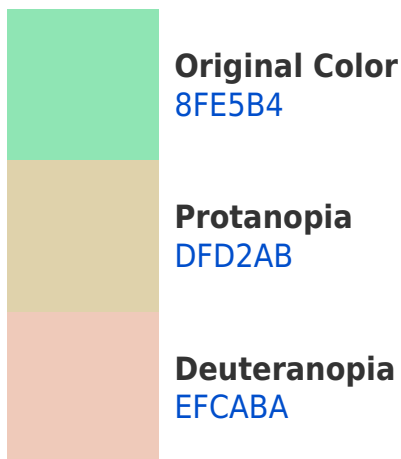


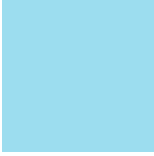
This preview shows how white text looks on a background with the Hex color 8FE5B4.

# 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](#).

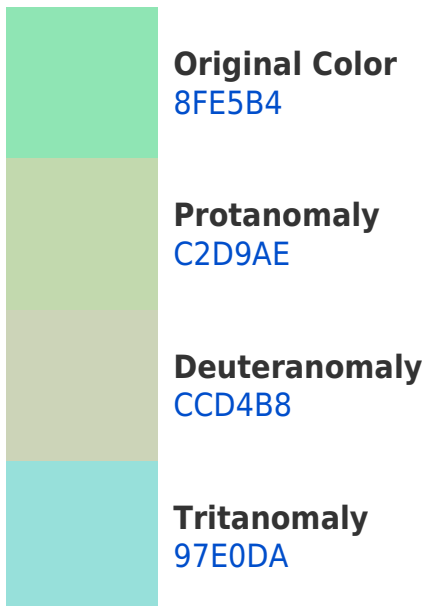
## Dichromacy



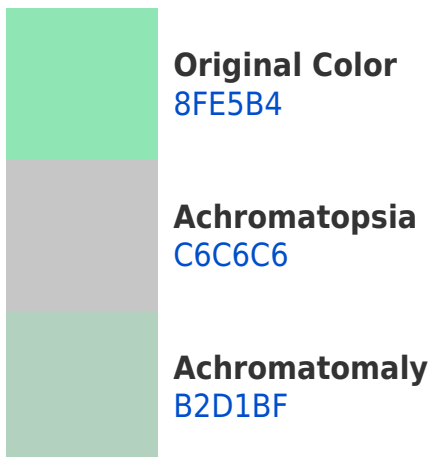


**Tritanopia**  
9CDDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FE5B4 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 #8FE5B4 looks like.

```
.text, #text, p{  
    color:#8FE5B4  
}
```

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 #8FE5B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FE5B4
}
```

## Border

The CSS property to change the border of an element to Hex 8FE5B4 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
#8FE5B4 }
```

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

```
.border{ border-color:#8FE5B4 }
```

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

Here you see how a box with a 4 pixel #8FE5B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FE5B4; -webkit-box-shadow:4px 4px  
4px 4px #8FE5B4; box-shadow:4px 4px 4px  
4px #8FE5B4 }
```

# Background

The CSS property to change the background color of an element to Hex 8FE5B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FE5B4 }
```

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

```
.background{ background-color:#8FE5B4 }
```

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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