

Converting Colors

Hex(8FE78E)

Have a look what the booklet for
Hex(8FE78E) contains.

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Color

Hex(8FE78E)

Conversions

Conversions Part 1

Format	Color
Hex	8FE78E
RGB	143, 231, 142
RGB Percent	56%, 91%, 56%
CMY	0.4392, 0.0941, 0.4431
CMYK	0.38, 0.00, 0.39, 0.09
HSL	119°, 65%, 73%
HSV	119°, 39%, 91%
XYZ	44.7861, 64.9445, 35.7662
YIQ	194.5420, -23.8790, -46.3350

Conversions

Conversions Part 2

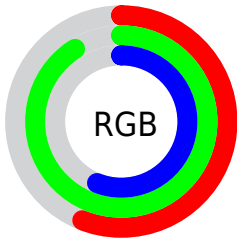
Format	Color
RYB	142, 231, 230
Decimal	9430926
CIELab	84.46, -43.92, 35.20
CIELCh	84, 56.284, 141.286
Yxy	64.9445, 0.3078, 0.4464
Android (android.graphics.Color)	4287621006 (0xFF8FE78E)
YUV	194.5420, -25.9032, -45.2023
Hunter-Lab	80.5881, -41.8295, 30.0979

Details

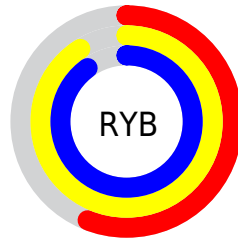
The Hex color **8FE78E** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E68EE7**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C8FFC5**, and **58AF5A** is the 20% darker color. If you saturate the color by 10%, you get **78E777**, and if you desaturate by 10%, it is **A6E7A5**.

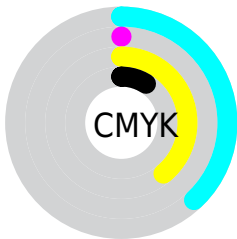
Distribution



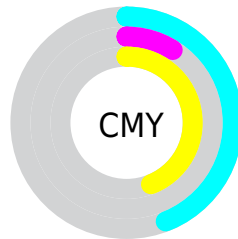
- Red (56%)
- Green (91%)
- Blue (56%)



- Red (56%)
- Yellow (91%)
- Blue (90%)



- Cyan (38%)
- Magenta (0%)
- Yellow (39%)
- Black (9%)



- Cyan (44%)
- Magenta (9%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FE78E 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 8FE78E by changing the saturation by 10% instead.

 8FE78E

 8FE78E

FFFFFF

 73CB74

 C8FFC5

 58AF5A

 E5FFE1

 3B9442

FFFFFFE

 1B792A

 006011

 004700

 003000

 001800

 000000

 8FE78E

 8FE78E

 78E777

 A6E7A5

 61E760

 BDE7BC

 4AE749

 D4E7D3

 34E732

 EAE7EA

 1DE71B

 FFE7FF

 06E703

 03E700

Harmonies

Analogous

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



CDDB6C



8FE78E



2AEDC1

Triad

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



8FE78E



4CDDFF



FFA9AF

Complementary

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



8FE78E



E68EE7

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.



FFA8E5



8FE78E



BFCBFF

Square

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



8FE78E



00E9FF



FFB6FF



FFB782

Rectangle

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



8FE78E



00EEE6



FFB6FF



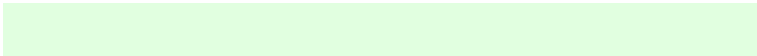
FFA7C1

Sweetspot

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



8FE78E



E1FFE0



E7E68E



6E806E



000000



808080

Same Dimension

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



8FE78E



8BFF8A



8EE7B9



677367



02B300



013300

Inverse Universe

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



E68EE7



FE8AFF



E78EBC



736773



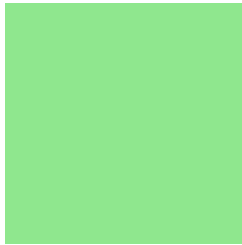
B000B3



320033

Previews

White Background



This preview shows how the Hex color 8FE78E looks on a white background.

Color Contrast Check

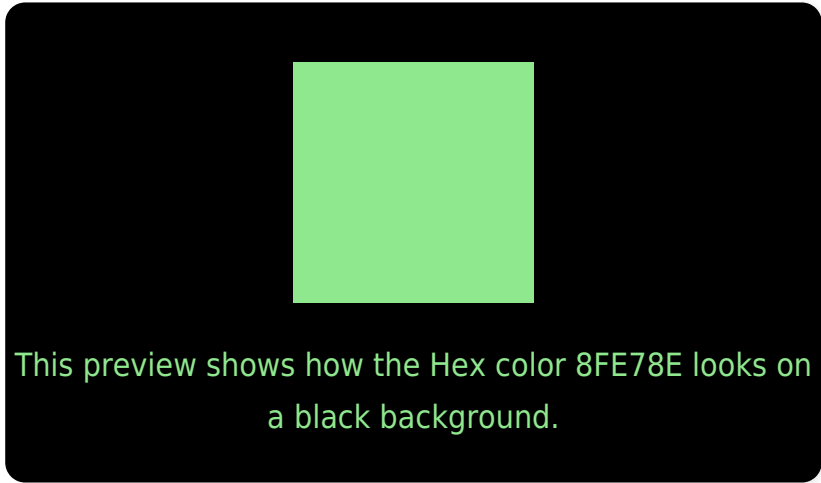
Large Text (above 18pt) WCAG AA × Fail

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 8FE78E Background



This preview shows how black text looks on a background with the Hex color 8FE78E.

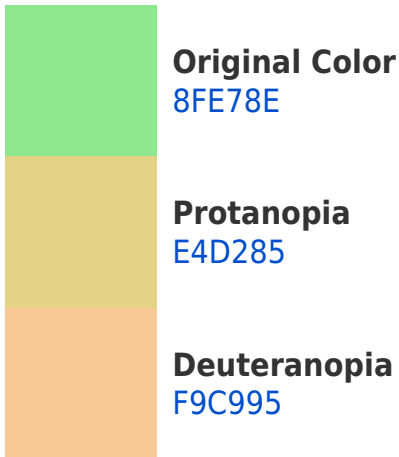


This preview shows how white text looks on a background with the Hex color 8FE78E.

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



Trichromacy



Original Color
8FE78E



Protanomaly
C5DA88



Deuteranomaly
D2D492



Tritanomaly
9AE0CA

Monochromacy



Original Color
8FE78E



Achromatopsia
C3C3C3



Achromatomaly
B0D0B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FE78E 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 #8FE78E looks like.

```
.text, #text, p{  
    color:#8FE78E  
}
```

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 #8FE78E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FE78E
}
```

Border

The CSS property to change the border of an element to Hex 8FE78E 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
#8FE78E }
```

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

```
.border{ border-color:#8FE78E }
```

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

Here you see how a box with a 4 pixel #8FE78E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FE78E; -webkit-box-shadow:4px 4px  
4px 4px #8FE78E; box-shadow:4px 4px 4px  
4px #8FE78E }
```

Background

The CSS property to change the background color of an element to Hex 8FE78E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FE78E }
```

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

```
.background{ background-color:#8FE78E }
```

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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