

Converting Colors

Hex(3FFF8E)

Have a look what the booklet for
Hex(3FFF8E) contains.

Hex(3FFF8E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3FFF8E)

Conversions

Conversions Part 1

Format	Color
Hex	3FFF8E
RGB	63, 255, 142
RGB Percent	25%, 100%, 56%
CMY	0.7529, 0.0000, 0.4431
CMYK	0.75, 0.00, 0.44, 0.00
HSL	145°, 100%, 62%
HSV	145°, 75%, 100%
XYZ	42.6924, 74.5298, 37.7267
YIQ	184.7100, -78.1590, -75.8470

Conversions

Conversions Part 2

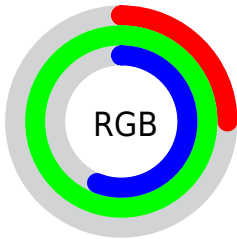
Format	Color
RYB	63, 199, 255
Decimal	4194190
CIELab	89.17, -70.41, 40.86
CIELCh	89, 81.406, 149.873
Yxy	74.5298, 0.2755, 0.4810
Android (android.graphics.Color)	4282384270 (0xFF3FFF8E)
YUV	184.7100, -21.0560, -106.7397
Hunter-Lab	86.3306, -62.8064, 34.5215

Details

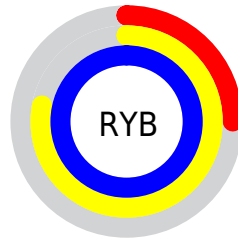
The Hex color **3FFF8E** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **FF3FB0**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **89FFC5**, and **00C55A** is the 20% darker color. If you saturate the color by 10%, you get **25FF7F**, and if you desaturate by 10%, it is **59FF9D**.

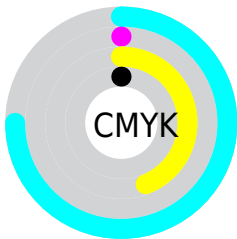
Distribution



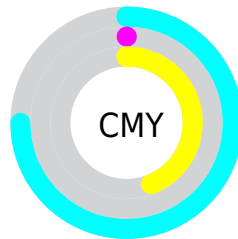
- Red (25%)
- Green (100%)
- Blue (56%)



- Red (25%)
- Yellow (78%)
- Blue (100%)



- Cyan (75%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)



- Cyan (75%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FFF8E 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 3FFF8E by changing the saturation by 10% instead.

 3FFF8E

 3FFF8E

FFFFFF

 00E274

 89FFC5

 00C55A

 A9FFE1

 00A940

 C9FFFE

 008D27

 E8FFFF

 00720A

 005800

 003F00

 002600

 000000

 3FFF8E

 3FFF8E

 25FF7F

 59FF9D

 0CFF70

 72FFAC

 00FF69

 8CFFBB

 A5FFCA

 BFFFD9

 D8FFE8

 F2FFF7

FFFFFF

Harmonies

Analogous

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



BBF24C



3FFF8E



00FFDD

Triad

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



3FFF8E



00E9FF



FFA197

Complementary

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



3FFF8E



FF3FB0

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.



FF96E4



3FFF8E



DFCCFF

Square

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



3FFF8E



00FCFF



FFAAFF



FFBE57

Rectangle

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



3FFF8E



00FFFF



FFAAFF



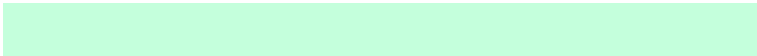
FF9AB0

Sweetspot

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



3FFF8E



C4FFDC



B2FF3F



5C806A



000000



808080

Same Dimension

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



3FFF8E



19FF78



3FFFE0



738078



00BF4F



00401A

Inverse Universe

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



FF3FB0



FF19A1



FF3F52



80737A



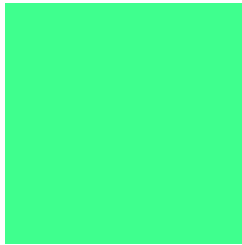
BF0071



400026

Previews

White Background



This preview shows how the Hex color 3FFF8E looks on a white background.

Color Contrast Check

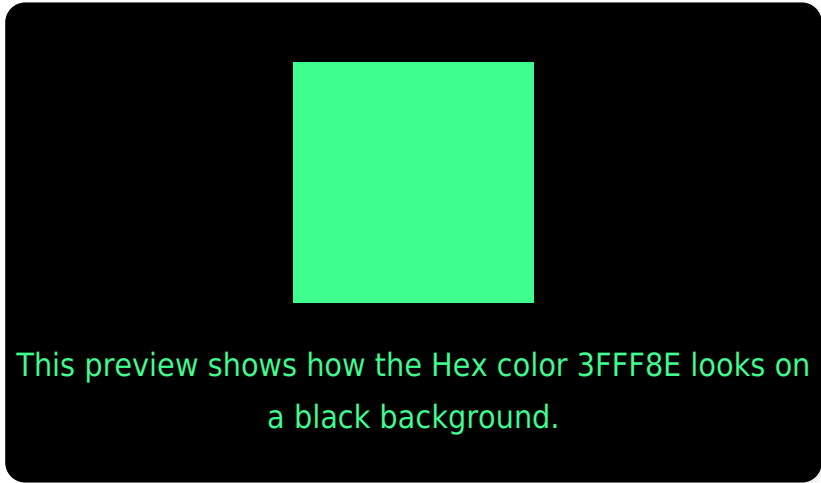
Large Text (above 18pt) WCAG AA × Fail

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

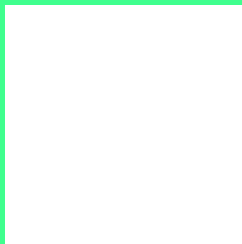
Any Text WCAG AAA ✓ Pass

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

Hex 3FFF8E Background



This preview shows how black text looks on a background with the Hex color 3FFF8E.

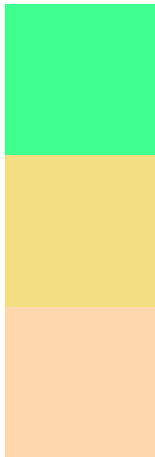


This preview shows how white text looks on a background with the Hex color 3FFF8E.

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](#).

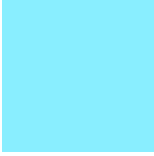
Dichromacy



Original Color
3FFF8E

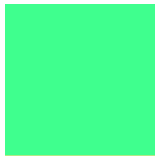
Protanopia
F3DE82

Deuteranopia
FFD7AD



Tritanopia
89EEFF

Trichromacy



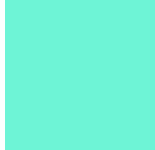
Original Color
3FFF8E



Protanomaly
B2EA86



Deuteranomaly
B9E6A2

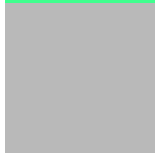


Tritanomaly
6EF4D6

Monochromacy



Original Color
3FFF8E



Achromatopsia
B9B9B9



Achromatomaly
8DD2A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FFF8E 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 #3FFF8E looks like.

```
.text, #text, p{  
    color:#3FFF8E  
}
```

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 #3FFF8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FFF8E
}
```

Border

The CSS property to change the border of an element to Hex 3FFF8E 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
#3FFF8E }
```

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

```
.border{ border-color:#3FFF8E }
```

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

Here you see how a box with a 4 pixel #3FFF8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FFF8E; -webkit-box-shadow:4px 4px  
4px 4px #3FFF8E; box-shadow:4px 4px 4px  
4px #3FFF8E }
```

Background

The CSS property to change the background color of an element to Hex 3FFF8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FFF8E }
```

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

```
.background{ background-color:#3FFF8E }
```

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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