

Converting Colors

Hex(8BF68D)

Have a look what the booklet for
Hex(8BF68D) contains.

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Color

Hex(8BF68D)

Conversions

Conversions Part 1

Format	Color
Hex	8BF68D
RGB	139, 246, 141
RGB Percent	55%, 96%, 55%
CMY	0.4549, 0.0353, 0.4471
CMYK	0.43, 0.00, 0.43, 0.04
HSL	121°, 86%, 75%
HSV	121°, 43%, 96%
XYZ	48.4109, 73.3236, 36.8006
YIQ	202.0370, -30.0670, -55.3390

Conversions

Conversions Part 2

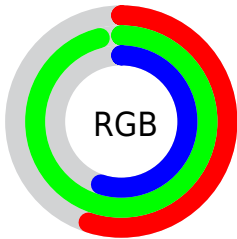
Format	Color
RYB	139, 244, 246
Decimal	9172621
CIELab	88.60, -51.56, 41.03
CIELCh	89, 65.899, 141.488
Yxy	73.3236, 0.3054, 0.4625
Android (android.graphics.Color)	4287362701 (0xFF8BF68D)
YUV	202.0370, -30.0912, -55.2834
Hunter-Lab	85.6292, -48.9351, 34.4595

Details

The Hex color **8BF68D** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F68BF4**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **C5FFC4**, and **51BD59** is the 20% darker color. If you saturate the color by 10%, you get **72F675**, and if you desaturate by 10%, it is **A4F6A5**.

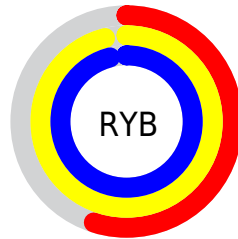
Distribution



Red (55%)

Green (96%)

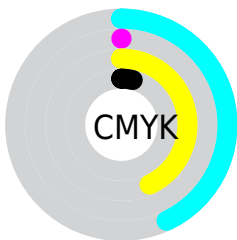
Blue (55%)



Red (55%)

Yellow (96%)

Blue (96%)

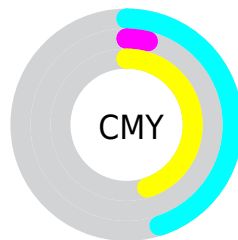


Cyan (43%)

Magenta (0%)

Yellow (43%)

Black (4%)



Cyan (45%)

Magenta (4%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BF68D 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 8BF68D by changing the saturation by 10% instead.

 8BF68D

 8BF68D

FFFFFF

 6ED973

 C5FFC4

 51BD59

 E3FFE0

 31A140

FFFFFFD

 008626

 006C0A

 005300

 003A00

 002400

 000000

 8BF68D

 8BF68D

 72F675

 A4F6A5

 5AF65D

 BCF6BD

 41F645

 D5F6D5

 29F62C

 EDF6EE

 10F614

 FFF6FF

 00F605

Harmonies

Analogous

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



D6E963



8BF68D



00FDCA

Triad

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



8BF68D



00EAFB



FFABB4

Complementary

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



8BF68D



F68BF4

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.



FFAAF3



8BF68D



C5D5FF

Square

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



8BF68D



00F8FF



FFBCFF



FFBD7E

Rectangle

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



8BF68D



00FEF5



FFBCFF



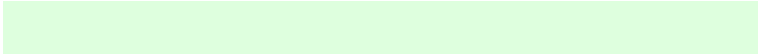
FFA8C9

Sweetspot

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



8BF68D



DEFFDE



F4F68B



6B806B



000000



808080

Same Dimension

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



8BF68D



7AFF7D



8BF6C2



6E7A6E



00BA03



003B01

Inverse Universe

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



F68BF4



FF7AFD



F68BBF



7A6E7A



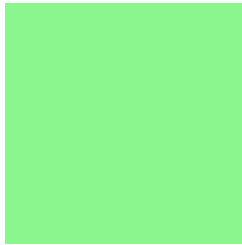
BA00B7



3B003A

Previews

White Background



This preview shows how the Hex color 8BF68D looks on a white background.

Color Contrast Check

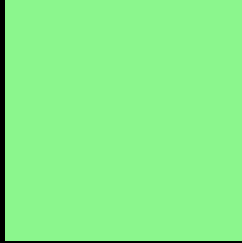
Large Text (above 18pt) WCAG AA × Fail

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 8BF68D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

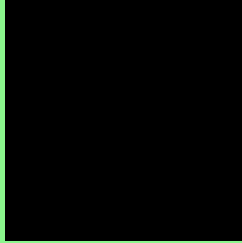
Any Text WCAG AA ✓ Pass

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 8BF68D Background



This preview shows how black text looks on a background with the Hex color 8BF68D.

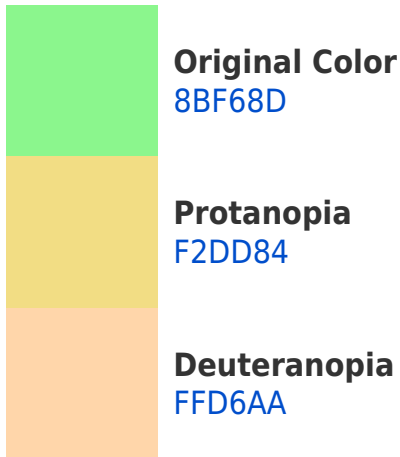


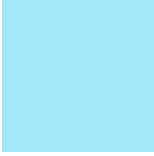
This preview shows how white text looks on a background with the Hex color 8BF68D.

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



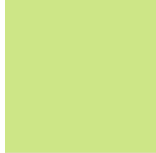


Tritanopia
A2E9FC

Trichromacy



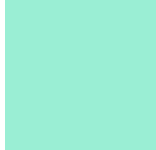
Original Color
8BF68D



Protanomaly
CDE687



Deuteranomaly
D5E29F

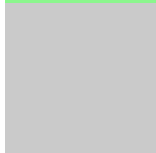


Tritanomaly
9AEED4

Monochromacy



Original Color
8BF68D



Achromatopsia
CACACA



Achromatomaly
B3DAB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 8BF68D 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 #8BF68D looks like.

```
.text, #text, p{  
    color:#8BF68D  
}
```

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 #8BF68D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BF68D
}
```

Border

The CSS property to change the border of an element to Hex 8BF68D 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
#8BF68D }
```

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

```
.border{ border-color:#8BF68D }
```

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

Here you see how a box with a 4 pixel #8BF68D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BF68D; -webkit-box-shadow:4px 4px  
4px 4px #8BF68D; box-shadow:4px 4px 4px  
4px #8BF68D }
```

Background

The CSS property to change the background color of an element to Hex 8BF68D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BF68D }
```

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

```
.background{ background-color:#8BF68D }
```

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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