

Converting Colors

Hex(8BF686)

Have a look what the booklet for
Hex(8BF686) contains.

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Color

Hex(8BF686)

Conversions

Conversions Part 1

Format	Color
Hex	8BF686
RGB	139, 246, 134
RGB Percent	55%, 96%, 53%
CMY	0.4549, 0.0353, 0.4745
CMYK	0.43, 0.00, 0.46, 0.04
HSL	117°, 86%, 75%
HSV	117°, 46%, 96%
XYZ	47.9063, 73.1217, 34.1432
YIQ	201.2390, -27.8200, -57.5160

Conversions

Conversions Part 2

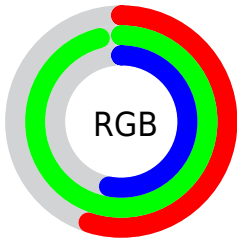
Format	Color
RYB	134, 246, 241
Decimal	9172614
CIELab	88.51, -52.54, 44.31
CIElCh	89, 68.729, 139.861
Yxy	73.1217, 0.3087, 0.4712
Android (android.graphics.Color)	4287362694 (0xFF8BF686)
YUV	201.2390, -33.1488, -54.5836
Hunter-Lab	85.5112, -49.6429, 36.1843

Details

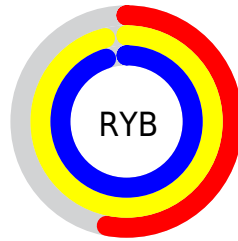
The Hex color **8BF686** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F186F6**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **C5FFBD**, and **50BD52** is the 20% darker color. If you saturate the color by 10%, you get **73F66D**, and if you desaturate by 10%, it is **A3F69F**.

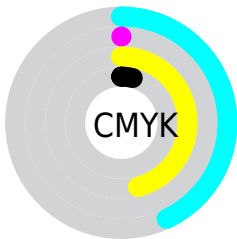
Distribution



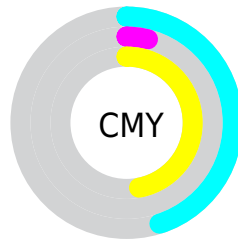
- Red (55%)
- Green (96%)
- Blue (53%)



- Red (53%)
- Yellow (96%)
- Blue (95%)



- Cyan (43%)
- Magenta (0%)
- Yellow (46%)
- Black (4%)



- Cyan (45%)
- Magenta (4%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BF686 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 8BF686 by changing the saturation by 10% instead.

 8BF686

 8BF686

FFFFFF

 6ED96C

 C5FFBD

 50BD52

 E3FFD9

 30A138

 FFFFF6

 00861E

 006C00

 005300

 003A00

 002400

 000000

 8BF686

 8BF686

 73F66D

 A3F69F

 5CF655

 BAF6B7

 44F63C

 D2F6D0

 2DF624

 E9F6E8

 15F60B

 FFF6FF

 0BF600

Harmonies

Analogous

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



D9E85B



8BF686



00FDC5

Triad

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



8BF686



00ECFF



FFA7B5

Complementary

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



8BF686



F186F6

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.



FFA7F7



8BF686



BCD6FF

Square

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



8BF686



00F9FF



FFBBFF



FFBA7C

Rectangle

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



8BF686



00FFF2



FFBBFF



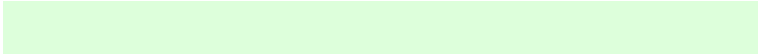
FFA4CB

Sweetspot

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



8BF686



DFFDB



F6F086



6B806A



000000



808080

Same Dimension

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



8BF686



79FF73



86F6B8



6F7A6E



08BA00



033B00

Inverse Universe

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



F186F6



F973FF



F686C4



7A6E7A



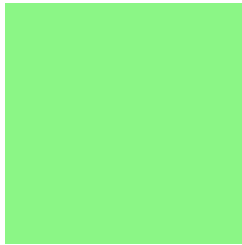
B200BA



38003B

Previews

White Background



This preview shows how the Hex color 8BF686 looks on a white background.

Color Contrast Check

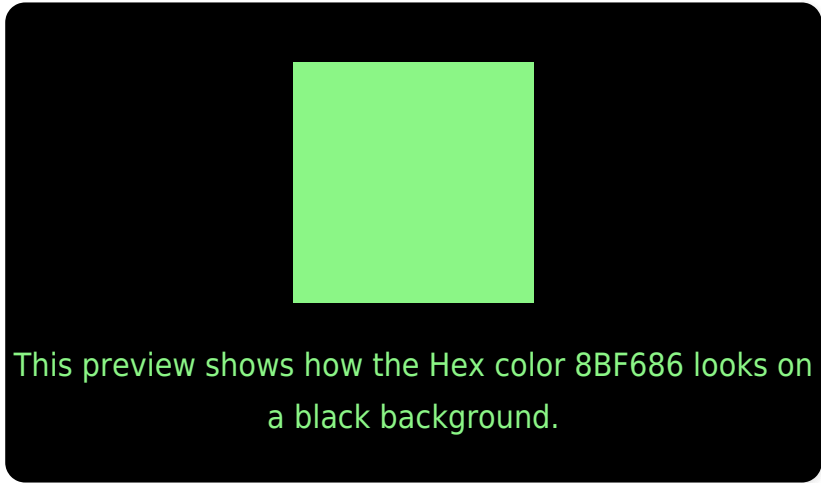
Large Text (above 18pt) WCAG AA × Fail

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

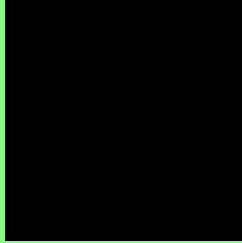
Any Text WCAG AA ✓ Pass

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 8BF686 Background



This preview shows how black text looks on a background with the Hex color 8BF686.

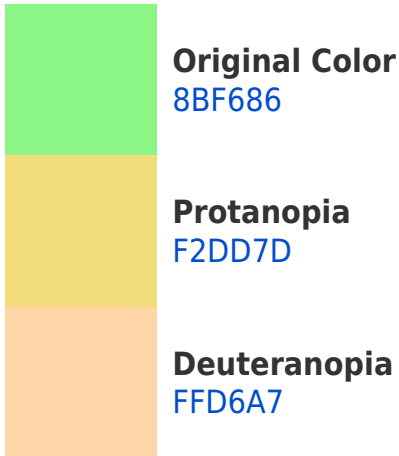


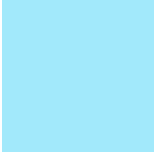
This preview shows how white text looks on a background with the Hex color 8BF686.

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



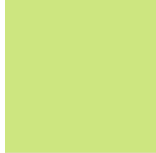


Tritanopia
A2E9FB

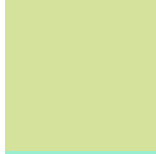
Trichromacy



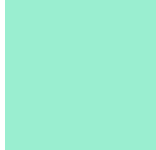
Original Color
8BF686



Protanomaly
CDE680



Deuteranomaly
D5E29B

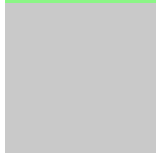


Tritanomaly
9AEED0

Monochromacy



Original Color
8BF686



Achromatopsia
C9C9C9



Achromatomaly
B2D9B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 8BF686 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 #8BF686 looks like.

```
.text, #text, p{  
    color:#8BF686  
}
```

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 #8BF686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BF686
}
```

Border

The CSS property to change the border of an element to Hex 8BF686 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
#8BF686 }
```

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

```
.border{ border-color:#8BF686 }
```

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

Here you see how a box with a 4 pixel #8BF686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BF686; -webkit-box-shadow:4px 4px  
4px 4px #8BF686; box-shadow:4px 4px 4px  
4px #8BF686 }
```

Background

The CSS property to change the background color of an element to Hex 8BF686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BF686 }
```

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

```
.background{ background-color:#8BF686 }
```

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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