

Converting Colors

Hex(B8F77A)

Have a look what the booklet for
Hex(B8F77A) contains.

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Color

Hex(B8F77A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B8F77A |
| RGB | 184, 247, 122 |
| RGB Percent | 72%, 97%, 48% |
| CMY | 0.2784, 0.0314, 0.5216 |
| CMYK | 0.26, 0.00, 0.51, 0.03 |
| HSL | 90°, 89%, 72% |
| HSV | 90°, 51%, 97% |
| XYZ | 56.5408, 78.1170, 30.5104 |
| YIQ | 213.9130, 2.5770, -52.2310 |

Conversions

Conversions Part 2

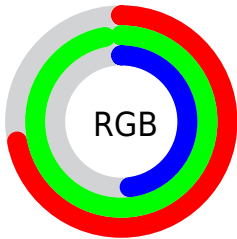
| Format | Color |
|-------------------------------------|--|
| RYB | 122, 247, 185 |
| Decimal | 12121978 |
| CIELab | 90.83, -39.98, 53.32 |
| CIElCh | 91, 66.642, 126.861 |
| Yxy | 78.1170, 0.3423, 0.4730 |
| Android (android.graphics.Color) | 4290312058 (0xFFB8F77A) |
| YUV | 213.9130, -45.3131, -26.2337 |
| Hunter-Lab | 88.3838, -40.4819, 41.4015 |

Details

The Hex color **B8F77A** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B97AF7**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **F2FFB1**, and **80BE45** is the 20% darker color. If you saturate the color by 10%, you get **ACF761**, and if you desaturate by 10%, it is **C4F793**.

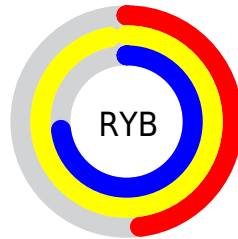
Distribution



Red (72%)

Green (97%)

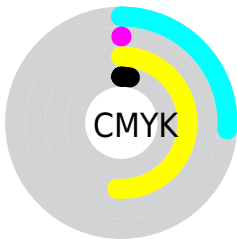
Blue (48%)



Red (48%)

Yellow (97%)

Blue (73%)

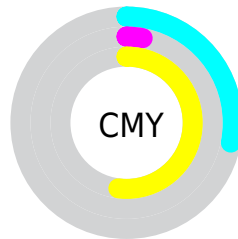


Cyan (26%)

Magenta (0%)

Yellow (51%)

Black (3%)



Cyan (28%)

Magenta (3%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8F77A 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 B8F77A by changing the saturation by 10% instead.

 B8F77A

FFFFFF

 F2FFB1

 FFFFCD

 FFFFEA

 B8F77A

 9CDA5F

 80BE45

 64A329

 498805

 2C6F00

 0B5600

 003E00

 002800

 000600

 B8F77A

 B8F77A

 ACF761

 C4F793

 9FF749

 D1F7AB

 93F730

 DDF7C4

 86F717

 EAF7DD

 7BF700

 F6F7F6

 FFF7FF

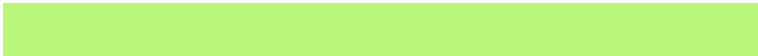
Harmonies

Analogous

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



FCE660



B8F77A



59FFB0

Triad

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



B8F77A



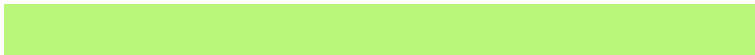
00F9FF



FFADD8

Complementary

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



B8F77A



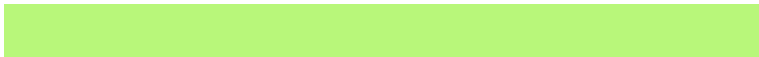
B97AF7

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.



FFB7FF



B8F77A



8DE7FF

Square

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



B8F77A



00FFFF



FDCEFF



FFB99B

Rectangle

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



B8F77A



00FFDC



FDCEFF



FFAEEE

Sweetspot

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



B8F77A



ECFFD9



F7B97A



748069



000000



808080

Same Dimension

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



B8F77A



B1FF63



7AF77A



747A6E



5CBA00



1D3B00

Inverse Universe

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



B97AF7



B263FF



F77AF7



746E7A



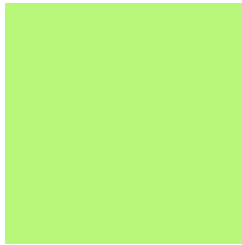
5E00BA



1E003B

Previews

White Background



This preview shows how the Hex color B8F77A 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 B8F77A 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 B8F77A Background



This preview shows how black text looks on a background with the Hex color B8F77A.

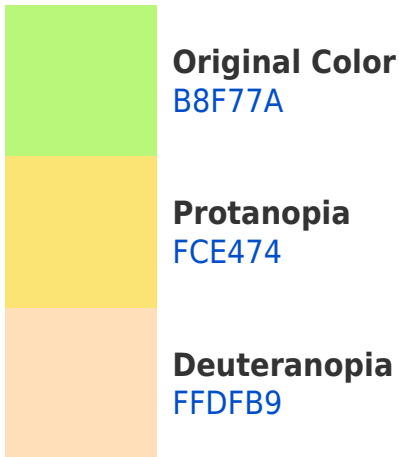


This preview shows how white text looks on a background with the Hex color B8F77A.

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](#).

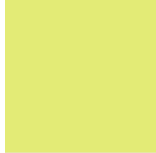
Dichromacy



Trichromacy



Original Color
B8F77A



Protanomaly
E3EB76



Deuteranomaly
E5E8A2

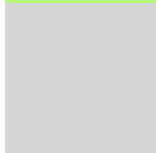


Tritanomaly
C4EECC

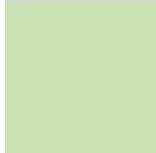
Monochromacy



Original Color
B8F77A



Achromatopsia
D6D6D6



Achromatomaly
CBE2B5

CSS Examples

Text

The CSS property to change the color of the text to Hex B8F77A 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 #B8F77A looks like.

```
.text, #text, p{  
    color:#B8F77A  
}
```

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 #B8F77A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8F77A
}
```

Border

The CSS property to change the border of an element to Hex B8F77A 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
#B8F77A }
```

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

```
.border{ border-color:#B8F77A }
```

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

Here you see how a box with a 4 pixel #B8F77A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8F77A; -webkit-box-shadow:4px 4px  
4px 4px #B8F77A; box-shadow:4px 4px 4px  
4px #B8F77A }
```

Background

The CSS property to change the background color of an element to Hex B8F77A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8F77A }
```

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

```
.background{ background-color:#B8F77A }
```

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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