

Converting Colors

Hex(B9F897)

Have a look what the booklet for
Hex(B9F897) contains.

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Color

Hex(B9F897)

Conversions

Conversions Part 1

Format	Color
Hex	B9F897
RGB	185, 248, 151
RGB Percent	73%, 97%, 59%
CMY	0.2745, 0.0275, 0.4078
CMYK	0.25, 0.00, 0.39, 0.03
HSL	99°, 87%, 78%
HSV	99°, 39%, 97%
XYZ	59.1609, 79.6835, 41.5405
YIQ	218.1050, -6.4110, -43.5230

Conversions

Conversions Part 2

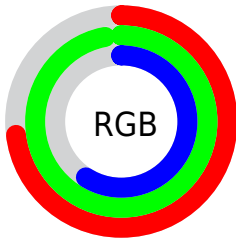
Format	Color
RYB	151, 248, 214
Decimal	12187799
CIELab	91.54, -36.64, 40.36
CIELCh	92, 54.511, 132.229
Yxy	79.6835, 0.3280, 0.4417
Android (android.graphics.Color)	4290377879 (0xFFB9F897)
YUV	218.1050, -33.0828, -29.0331
Hunter-Lab	89.2656, -37.9137, 34.8948

Details

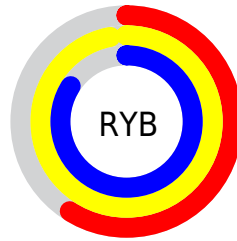
The Hex color **B9F897** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D697F8**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **F3FFCE**, and **82BF63** is the 20% darker color. If you saturate the color by 10%, you get **A9F87E**, and if you desaturate by 10%, it is **C9F8B0**.

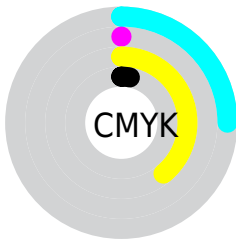
Distribution



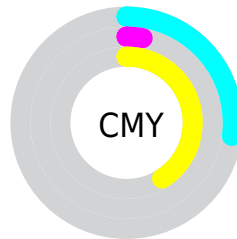
- Red (73%)
- Green (97%)
- Blue (59%)



- Red (59%)
- Yellow (97%)
- Blue (84%)



- Cyan (25%)
- Magenta (0%)
- Yellow (39%)
- Black (3%)



- Cyan (27%)
- Magenta (3%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9F897 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 B9F897 by changing the saturation by 10% instead.

 B9F897

 B9F897

FFFFFF

 9DDB7C

 F3FFCE

 82BF63

 FFFFEB

 67A449

 4C8930

 317017

 135700

 003F00

 002900

 000B00

 B9F897

 B9F897

 A9F87E

 C9F8B0

 99F865

 D9F8C9

 89F84D

 E9F8E1

 79F834

 F9F8FA

 68F81B

 FFF8FF

 58F802

 57F800

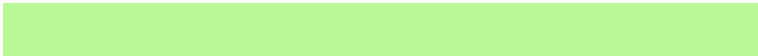
Harmonies

Analogous

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



F3EB7E



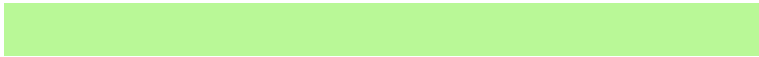
B9F897



72FFC5

Triad

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



B9F897



49F5FF



FFBDD3

Complementary

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



B9F897



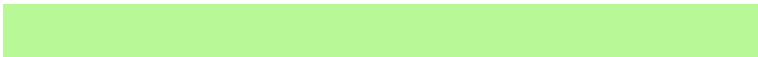
D697F8

Split Complementary

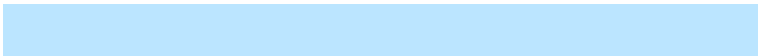
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC1FF



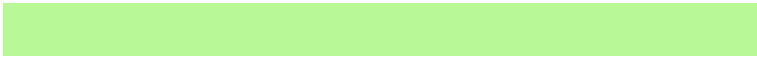
B9F897



BBE5FF

Square

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



B9F897



00FFFF



FFD1FF



FFC7A3

Rectangle

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



B9F897



20FFE9



FFD1FF



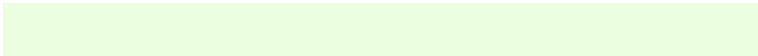
FFBCE5

Sweetspot

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



B9F897



EBFFE0



F8D497



74806E



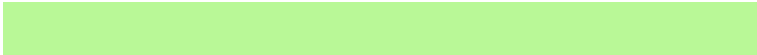
000000



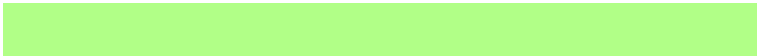
808080

Same Dimension

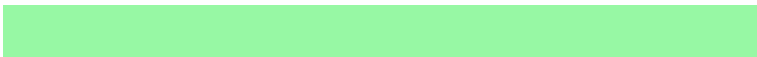
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B9F897



B1FF87



97F8A4



757D70



42BD00



153D00

Inverse Universe

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



D697F8



D587FF



F897EB



79707D



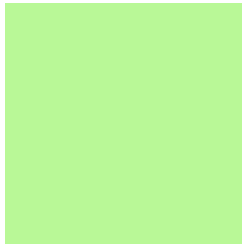
7B00BD



28003D

Previews

White Background



This preview shows how the Hex color B9F897 looks on a white background.

Color Contrast Check

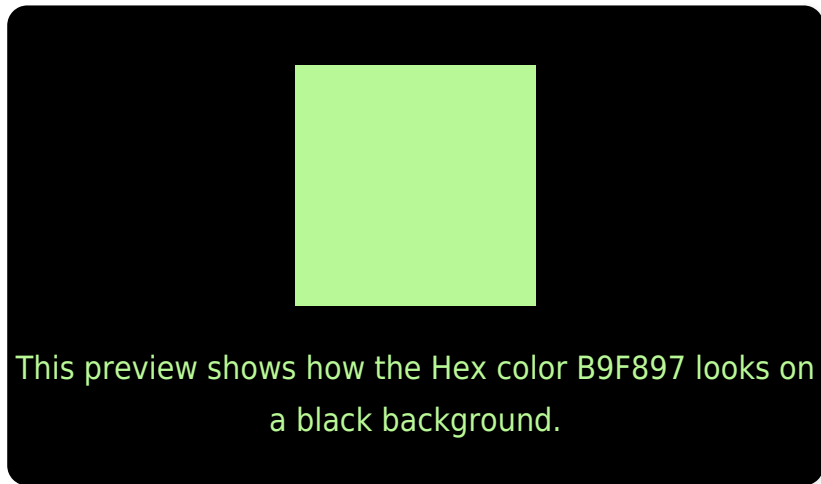
Large Text (above 18pt) WCAG AA × Fail

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

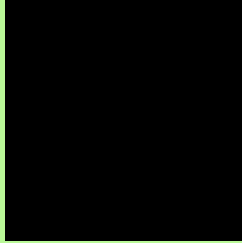
Any Text WCAG AA ✓ Pass

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 B9F897 Background



This preview shows how black text looks on a background with the Hex color B9F897.

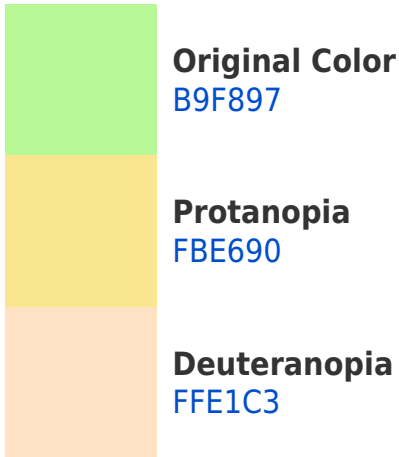


This preview shows how white text looks on a background with the Hex color B9F897.

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](#).

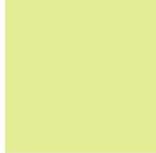
Dichromacy



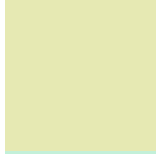
Trichromacy



Original Color
B9F897



Protanomaly
E3ED93

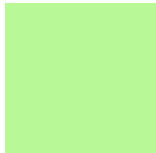


Deuteranomaly
E6E9B3

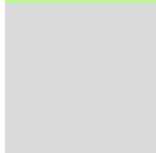


Tritanomaly
C3F0D9

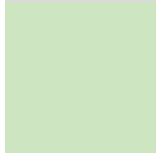
Monochromacy



Original Color
B9F897



Achromatopsia
DADADA



Achromatomaly
CEE5C2

CSS Examples

Text

The CSS property to change the color of the text to Hex B9F897 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 #B9F897 looks like.

```
.text, #text, p{  
    color:#B9F897  
}
```

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 #B9F897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9F897
}
```

Border

The CSS property to change the border of an element to Hex B9F897 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
#B9F897 }
```

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

```
.border{ border-color:#B9F897 }
```

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

Here you see how a box with a 4 pixel #B9F897 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9F897; -webkit-box-shadow:4px 4px  
4px 4px #B9F897; box-shadow:4px 4px 4px  
4px #B9F897 }
```

Background

The CSS property to change the background color of an element to Hex B9F897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9F897 }
```

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

```
.background{ background-color:#B9F897 }
```

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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