

Converting Colors

Hex(B0F4A4)

Have a look what the booklet for
Hex(B0F4A4) contains.

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Color

Hex(B0F4A4)

Conversions

Conversions Part 1

Format	Color
Hex	B0F4A4
RGB	176, 244, 164
RGB Percent	69%, 96%, 64%
CMY	0.3098, 0.0431, 0.3569
CMYK	0.28, 0.00, 0.33, 0.04
HSL	111°, 78%, 80%
HSV	111°, 33%, 96%
XYZ	56.9560, 76.6118, 46.9076
YIQ	214.5480, -14.8480, -39.2960

Conversions

Conversions Part 2

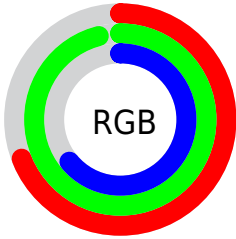
Format	Color
RYB	164, 244, 232
Decimal	11596964
CIELab	90.14, -35.97, 31.95
CIElCh	90, 48.115, 138.387
Yxy	76.6118, 0.3156, 0.4245
Android (android.graphics.Color)	4289787044 (0xFFB0F4A4)
YUV	214.5480, -24.9202, -33.8066
Hunter-Lab	87.5282, -37.0214, 29.4953

Details

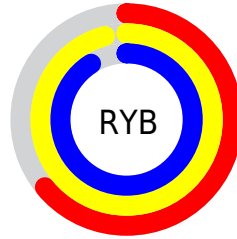
The Hex color **B0F4A4** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **E8A4F4**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **E9FFDB**, and **79BB6F** is the 20% darker color. If you saturate the color by 10%, you get **9BF48C**, and if you desaturate by 10%, it is **C5F4BC**.

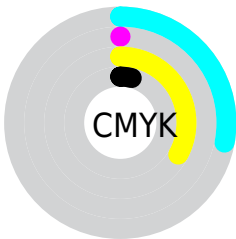
Distribution



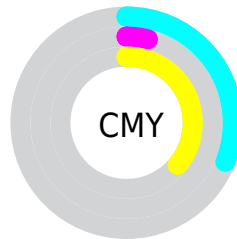
- Red (69%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (91%)



- Cyan (28%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



- Cyan (31%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0F4A4 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 B0F4A4 by changing the saturation by 10% instead.

 B0F4A4

FFFFFF

 E9FFDB

 FFFFF8

 B0F4A4

 94D789

 79BB6F

 5FA056

 44863E

 2A6C26

 08530E

 003B00

 002600

 000100

 B0F4A4

 B0F4A4

 9BF48C

 C5F4BC

 87F473

 D9F4D5

 72F45B

 EE4ED

 5DF442

 FFF4FF

 48F42A

 34F412

 25F400

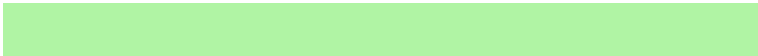
Harmonies

Analogous

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



E4E98A



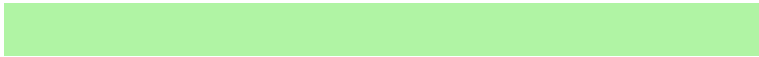
B0F4A4



73FACF

Triad

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



B0F4A4



7EEDFF



FFC0C8

Complementary

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



B0F4A4



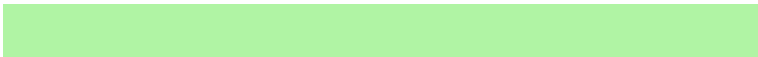
E8A4F4

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.



FFC1F7



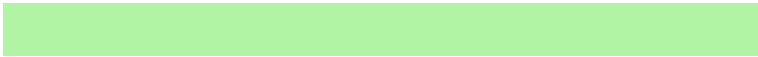
B0F4A4



CDDDF7

Square

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



B0F4A4



17F7FF



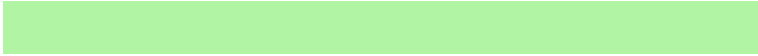
FFCDDF



FFCAA0

Rectangle

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



B0F4A4



42FBF7



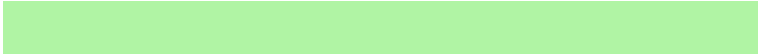
FFCDEF



FFBFD7

Sweetspot

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



B0F4A4



E9FFE6



F4E8A4



728070



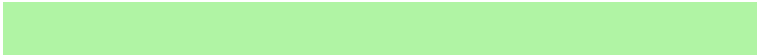
000000



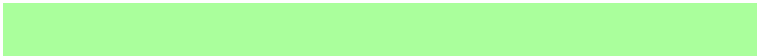
808080

Same Dimension

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



B0F4A4



AAFF9C



A4F4C0



707A6E



1CBA00



093B00

Inverse Universe

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



E8A4F4



F09CFF



F4A4D8



796E7A



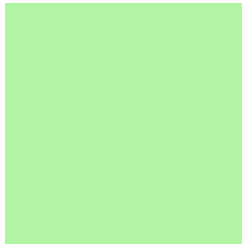
9E00BA



32003B

Previews

White Background



This preview shows how the Hex color B0F4A4 looks on a white background.

Color Contrast Check

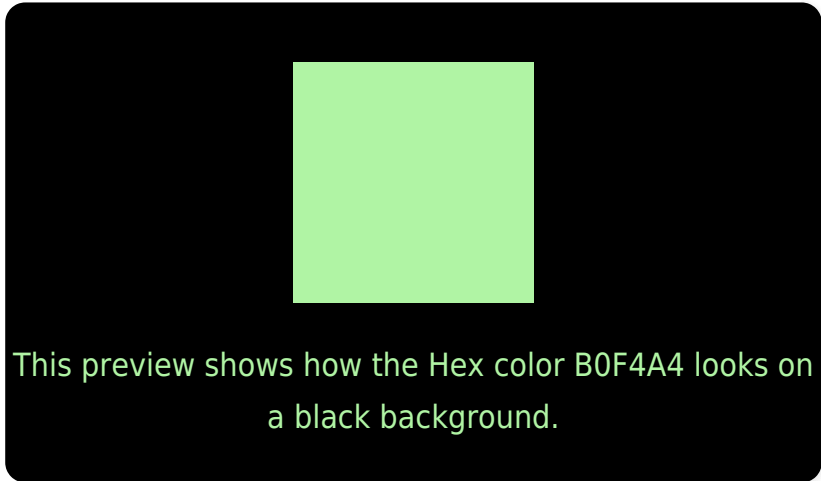
Large Text (above 18pt) WCAG AA × Fail

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 B0F4A4 Background



This preview shows how black text looks on a background with the Hex color B0F4A4.

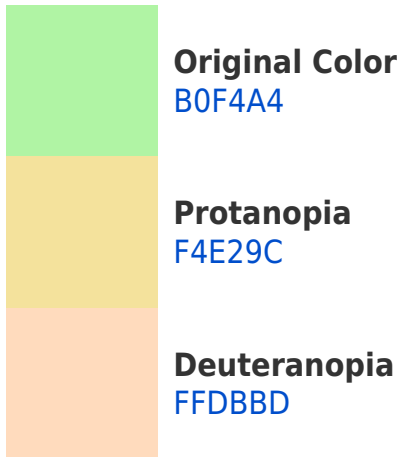


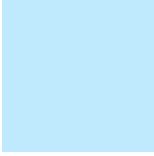
This preview shows how white text looks on a background with the Hex color B0F4A4.

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



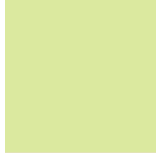


Tritanopia
BFE9FC

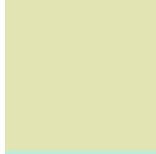
Trichromacy



Original Color
B0F4A4



Protanomaly
DBE99F



Deuteranomaly
E2E4B4

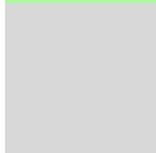


Tritanomaly
BAEDDC

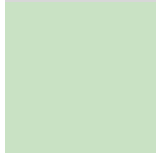
Monochromacy



Original Color
B0F4A4



Achromatopsia
D7D7D7



Achromatomaly
C9E2C4

CSS Examples

Text

The CSS property to change the color of the text to Hex B0F4A4 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 #B0F4A4 looks like.

```
.text, #text, p{  
    color:#B0F4A4  
}
```

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 #B0F4A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0F4A4
}
```

Border

The CSS property to change the border of an element to Hex B0F4A4 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
#B0F4A4 }
```

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

```
.border{ border-color:#B0F4A4 }
```

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

Here you see how a box with a 4 pixel #B0F4A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0F4A4; -webkit-box-shadow:4px 4px  
4px 4px #B0F4A4; box-shadow:4px 4px 4px  
4px #B0F4A4 }
```

Background

The CSS property to change the background color of an element to Hex B0F4A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0F4A4 }
```

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

```
.background{ background-color:#B0F4A4 }
```

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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