

Converting Colors

Hex(B0F4A3)

Have a look what the booklet for
Hex(B0F4A3) contains.

Hex(B0F4A3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B0F4A3)

Conversions

Conversions Part 1

Format	Color
Hex	B0F4A3
RGB	176, 244, 163
RGB Percent	69%, 96%, 64%
CMY	0.3098, 0.0431, 0.3608
CMYK	0.28, 0.00, 0.33, 0.04
HSL	110°, 79%, 80%
HSV	110°, 33%, 96%
XYZ	56.8660, 76.5758, 46.4338
YIQ	214.4340, -14.5270, -39.6070

Conversions

Conversions Part 2

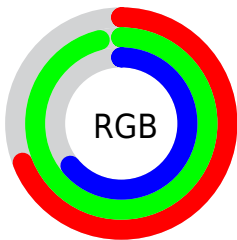
Format	Color
RYB	163, 244, 231
Decimal	11596963
CIELab	90.13, -36.12, 32.43
CIElCh	90, 48.548, 138.080
Yxy	76.5758, 0.3161, 0.4257
Android (android.graphics.Color)	4289787043 (0xFFB0F4A3)
YUV	214.4340, -25.3570, -33.7066
Hunter-Lab	87.5076, -37.1417, 29.7945

Details

The Hex color **B0F4A3** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **E7A3F4**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **E9FFDA**, and **79BB6E** is the 20% darker color. If you saturate the color by 10%, you get **9CF48B**, and if you desaturate by 10%, it is **C4F4BB**.

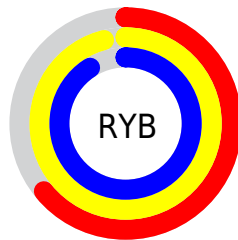
Distribution



Red (69%)

Green (96%)

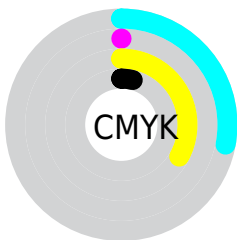
Blue (64%)



Red (64%)

Yellow (96%)

Blue (91%)

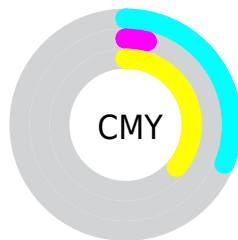


Cyan (28%)

Magenta (0%)

Yellow (33%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0F4A3 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 B0F4A3 by changing the saturation by 10% instead.

 B0F4A3

 B0F4A3

FFFFFF

 94D788

 E9FFDA

 79BB6E

 FFFFF7

 5FA055

 44863D

 296C25

 08530D

 003B00

 002600

 000100

 B0F4A3

 B0F4A3

 9CF48B

 C4F4BB

 87F472

 D9F4D4

 73F45A

 EDF4EC

 5EF441

 FFF4FF

 4AF429

 35F411

 27F400

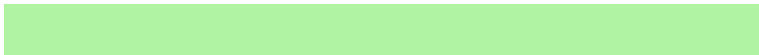
Harmonies

Analogous

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



E5E989



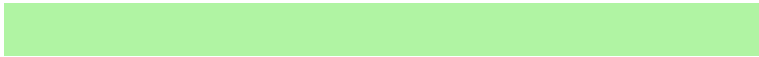
B0F4A3



72FACE

Triad

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



B0F4A3



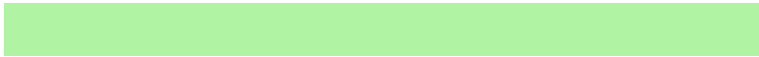
7BEDFF



FFBFC8

Complementary

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



B0F4A3



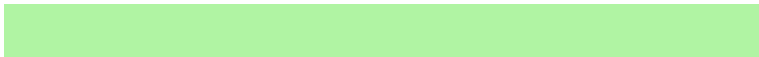
E7A3F4

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.



FFC0F7



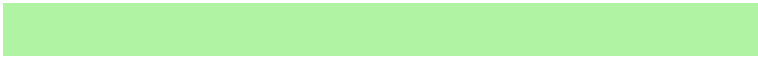
B0F4A3



CCDEFF

Square

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



B0F4A3



02F7FF



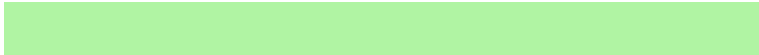
FFCCFF



FFCAA0

Rectangle

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



B0F4A3



3FFCEE



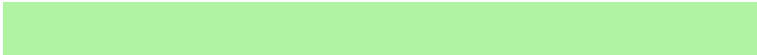
FFCCFF



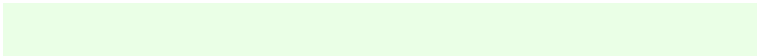
FFBED8

Sweetspot

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



B0F4A3



EAFFE6



F4E7A3



738070



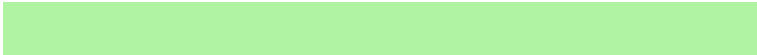
000000



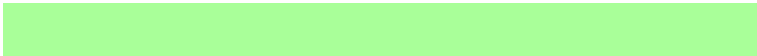
808080

Same Dimension

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



B0F4A3



A9FF99



A3F4BE



707A6E



1EBA00



093B00

Inverse Universe

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



E7A3F4



EF99FF



F4A3D9



786E7A



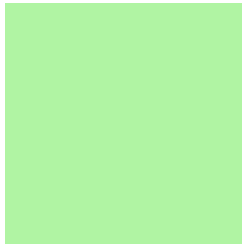
9C00BA



31003B

Previews

White Background



This preview shows how the Hex color B0F4A3 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 B0F4A3 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 B0F4A3 Background



This preview shows how black text looks on a background with the Hex color B0F4A3.

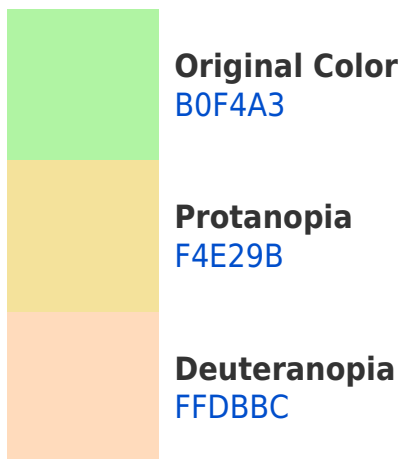


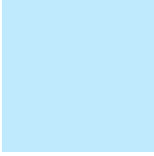
This preview shows how white text looks on a background with the Hex color B0F4A3.

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



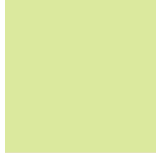


Tritanopia
BFE9FC

Trichromacy



Original Color
B0F4A3



Protanomaly
DBE99E



Deuteranomaly
E2E4B3

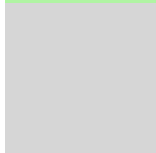


Tritanomaly
BAEDDC

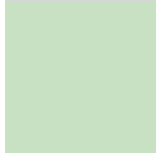
Monochromacy



Original Color
B0F4A3



Achromatopsia
D6D6D6



Achromatomaly
C8E1C3

CSS Examples

Text

The CSS property to change the color of the text to Hex B0F4A3 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 #B0F4A3 looks like.

```
.text, #text, p{  
    color:#B0F4A3  
}
```

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 #B0F4A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0F4A3
}
```

Border

The CSS property to change the border of an element to Hex B0F4A3 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
#B0F4A3 }
```

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

```
.border{ border-color:#B0F4A3 }
```

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

Here you see how a box with a 4 pixel #B0F4A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0F4A3; -webkit-box-shadow:4px 4px  
4px 4px #B0F4A3; box-shadow:4px 4px 4px  
4px #B0F4A3 }
```

Background

The CSS property to change the background color of an element to Hex B0F4A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0F4A3 }
```

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

```
.background{ background-color:#B0F4A3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor