

Converting Colors

Hex(B0F2AA)

Have a look what the booklet for
Hex(B0F2AA) contains.

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Color

Hex(B0F2AA)

Conversions

Conversions Part 1

Format	Color
Hex	B0F2AA
RGB	176, 242, 170
RGB Percent	69%, 95%, 67%
CMY	0.3098, 0.0510, 0.3333
CMYK	0.27, 0.00, 0.30, 0.05
HSL	115°, 73%, 81%
HSV	115°, 30%, 95%
XYZ	56.9123, 75.6366, 49.6299
YIQ	214.0580, -16.2240, -36.3840

Conversions

Conversions Part 2

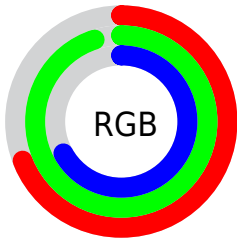
Format	Color
RYB	170, 242, 236
Decimal	11596458
CIELab	89.69, -34.13, 28.31
CIElCh	90, 44.342, 140.330
Yxy	75.6366, 0.3124, 0.4152
Android (android.graphics.Color)	4289786538 (0xFFB0F2AA)
YUV	214.0580, -21.7206, -33.3769
Hunter-Lab	86.9693, -35.3868, 27.0441

Details

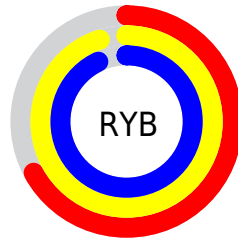
The Hex color **B0F2AA** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **ECAAF2**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **E9FFE2**, and **7ABA75** is the 20% darker color. If you saturate the color by 10%, you get **9AF292**, and if you desaturate by 10%, it is **C6F2C2**.

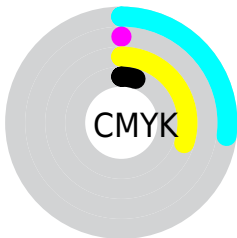
Distribution



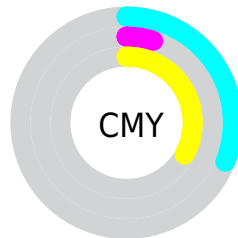
- Red (69%)
- Green (95%)
- Blue (67%)



- Red (67%)
- Yellow (95%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (30%)
- Black (5%)



- Cyan (31%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0F2AA 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 B0F2AA by changing the saturation by 10% instead.

 B0F2AA

 B0F2AA

FFFFFF

 94D58F

 E9FFE2

 7ABA75

FFFFFFE

 5F9E5C

 458444

 2B6A2D

 0C5216

 003A00

 002500

 000000

 B0F2AA

 B0F2AA

 9AF292

 C6F2C2

 84F27A

 DCF2DA

 6DF261

 F3F2F3

 57F249

 FFF2FF

 41F231

 2BF219

 15F201

 14F200

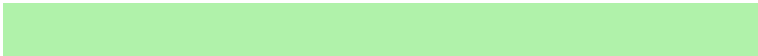
Harmonies

Analogous

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



E1E891



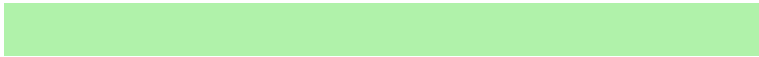
B0F2AA



7BF7D2

Triad

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



B0F2AA



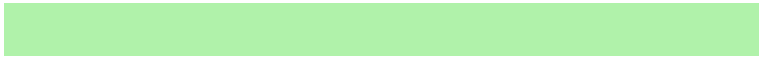
8EEAFF



FFC2C6

Complementary

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



B0F2AA



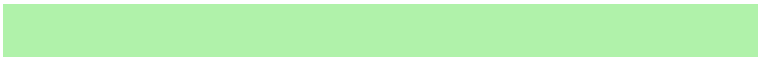
ECAAF2

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.



FFC2F1



B0F2AA



D3DCFF

Square

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



B0F2AA



4CF4FF



FFCCFF



FFCA2

Rectangle

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



B0F2AA



56F8EF



FFCCFF



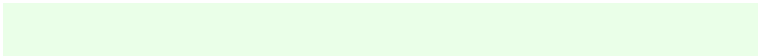
FFC1D4

Sweetspot

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



B0F2AA



EAF FE8



F2ECAA



738071



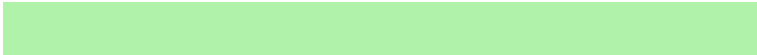
000000



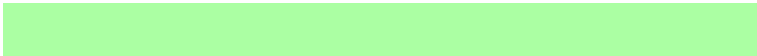
808080

Same Dimension

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



B0F2AA



ABFFA3



AAF2C8



6D786C



0FB800



053800

Inverse Universe

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



ECAAF2



F7A3FF



F2AAD4



776C78



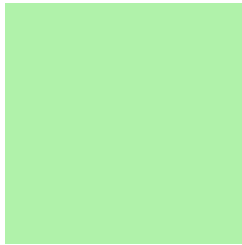
A800B8



330038

Previews

White Background



This preview shows how the Hex color B0F2AA looks on a white background.

Color Contrast Check

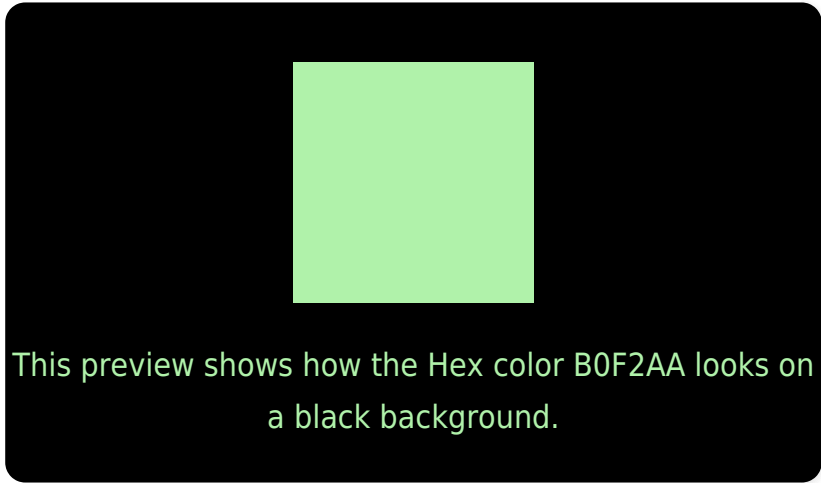
Large Text (above 18pt) WCAG AA × Fail

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

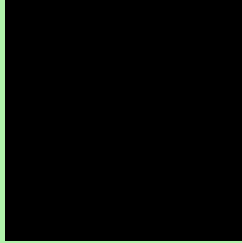
Any Text WCAG AA ✓ Pass

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 B0F2AA Background



This preview shows how black text looks on a background with the Hex color B0F2AA.

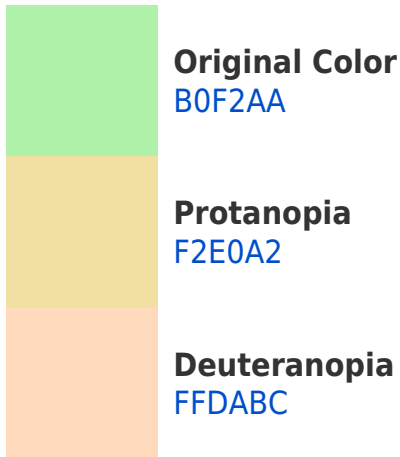


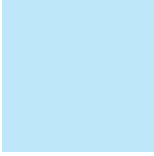
This preview shows how white text looks on a background with the Hex color B0F2AA.

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



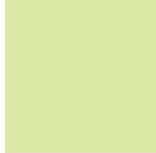


Tritanopia
BEE8FA

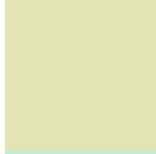
Trichromacy



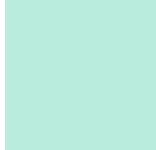
Original Color
B0F2AA



Protanomaly
DAE7A5



Deuteranomaly
E2E3B5

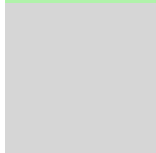


Tritanomaly
B9ECDD

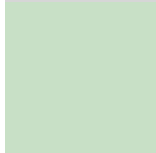
Monochromacy



Original Color
B0F2AA



Achromatopsia
D6D6D6



Achromatomaly
C8E0C6

CSS Examples

Text

The CSS property to change the color of the text to Hex B0F2AA 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 #B0F2AA looks like.

```
.text, #text, p{  
    color:#B0F2AA  
}
```

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 #B0F2AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0F2AA
}
```

Border

The CSS property to change the border of an element to Hex B0F2AA 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
#B0F2AA }
```

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

```
.border{ border-color:#B0F2AA }
```

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

Here you see how a box with a 4 pixel #B0F2AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0F2AA; -webkit-box-shadow:4px 4px  
4px 4px #B0F2AA; box-shadow:4px 4px 4px  
4px #B0F2AA }
```

Background

The CSS property to change the background color of an element to Hex B0F2AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0F2AA }
```

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

```
.background{ background-color:#B0F2AA }
```

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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