

Converting Colors

Hex(B3F0A6)

Have a look what the booklet for
Hex(B3F0A6) contains.

Hex(B3F0A6)	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(B3F0A6)

Conversions

Conversions Part 1

Format	Color
Hex	B3F0A6
RGB	179, 240, 166
RGB Percent	70%, 94%, 65%
CMY	0.2980, 0.0588, 0.3490
CMYK	0.25, 0.00, 0.31, 0.06
HSL	109°, 71%, 80%
HSV	109°, 31%, 94%
XYZ	56.6334, 74.6571, 47.5018
YIQ	213.3250, -12.6020, -35.9460

Conversions

Conversions Part 2

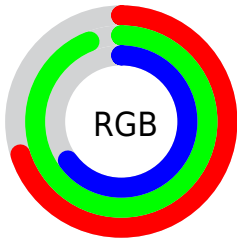
Format	Color
RYB	166, 240, 227
Decimal	11792550
CIELab	89.23, -32.85, 29.75
CIELCh	89, 44.315, 137.833
Yxy	74.6571, 0.3168, 0.4176
Android (android.graphics.Color)	4289982630 (0xFFB3F0A6)
YUV	213.3250, -23.3312, -30.1030
Hunter-Lab	86.4043, -34.2103, 27.8877

Details

The Hex color **B3F0A6** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E3A6F0**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **ECFFDD**, and **7DB871** is the 20% darker color. If you saturate the color by 10%, you get **9FF08E**, and if you desaturate by 10%, it is **C7F0BE**.

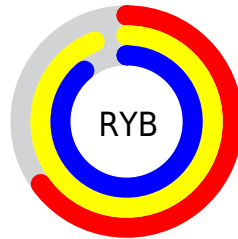
Distribution



Red (70%)

Green (94%)

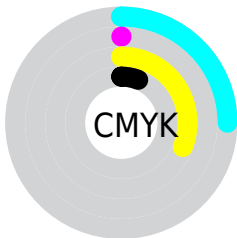
Blue (65%)



Red (65%)

Yellow (94%)

Blue (89%)

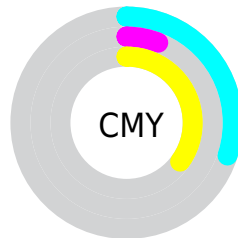


Cyan (25%)

Magenta (0%)

Yellow (31%)

Black (6%)



Cyan (30%)

Magenta (6%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3F0A6 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 B3F0A6 by changing the saturation by 10% instead.

 B3F0A6

 B3F0A6

FFFFFF

 97D38B

 ECFFDD

 7DB871

 FFFFFA

 629D58

 488240

 2F6929

 125012

 003900

 002400

 000000

 B3F0A6

 B3F0A6

 9FF08E

 C7F0BE

 8BF076

 DBF0D6

 78F05E

 EEF0EE

 64F046

 FFF0FF

 50F02E

 3CF016

 2AF000

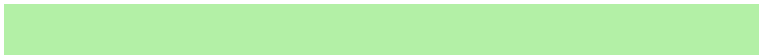
Harmonies

Analogous

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



E3E68E



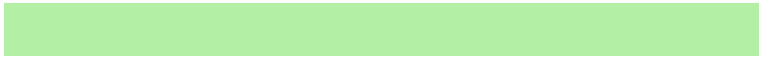
B3F0A6



7EF6CD

Triad

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



B3F0A6



87E9FF



FFC0C8

Complementary

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



B3F0A6



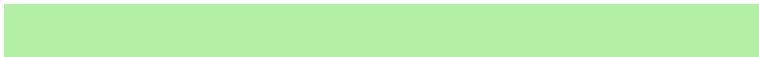
E3A6F0

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.



FFC1F3



B3F0A6



CCDCFF

Square

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



B3F0A6



46F3FF



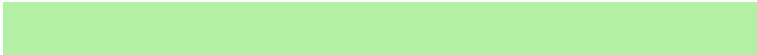
FFCCFF



FFC9A3

Rectangle

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



B3F0A6



59F7EA



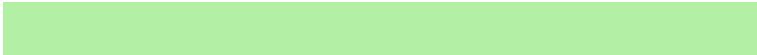
FFCCFF



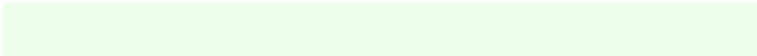
FFBFD7

Sweetspot

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



B3F0A6



ECFFE8



F0E2A6



748071



000000



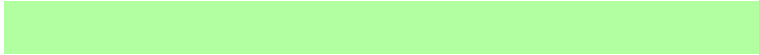
808080

Same Dimension

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



B3F0A6



B1FFA1



A6F0BD



6E786C



20B800



0A3800

Inverse Universe

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



E3A6F0



EEA1FF



F0A6D9



766C78



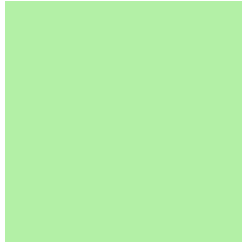
9700B8



2E0038

Previews

White Background



This preview shows how the Hex color B3F0A6 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 B3F0A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

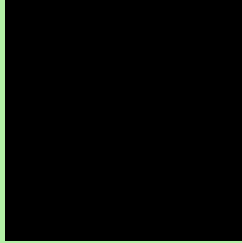
Any Text WCAG AA ✓ Pass

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 B3F0A6 Background



This preview shows how black text looks on a background with the Hex color B3F0A6.

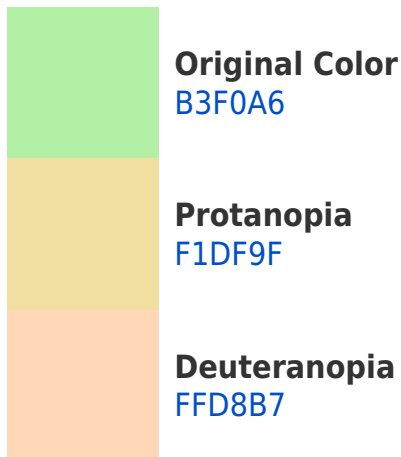


This preview shows how white text looks on a background with the Hex color B3F0A6.

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](#).

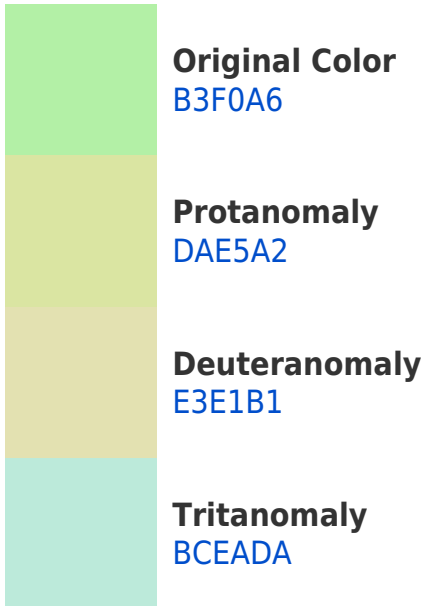
Dichromacy



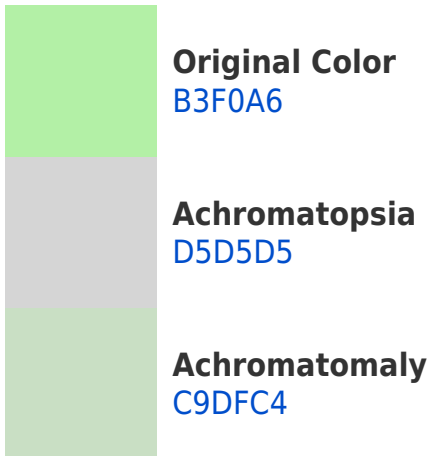


Tritanopia
C1E6F8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3F0A6 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 #B3F0A6 looks like.

```
.text, #text, p{  
    color:#B3F0A6  
}
```

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 #B3F0A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3F0A6
}
```

Border

The CSS property to change the border of an element to Hex B3F0A6 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
#B3F0A6 }
```

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

```
.border{ border-color:#B3F0A6 }
```

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

Here you see how a box with a 4 pixel #B3F0A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3F0A6; -webkit-box-shadow:4px 4px  
4px 4px #B3F0A6; box-shadow:4px 4px 4px  
4px #B3F0A6 }
```

Background

The CSS property to change the background color of an element to Hex B3F0A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3F0A6 }
```

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

```
.background{ background-color:#B3F0A6 }
```

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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