

Converting Colors

Hex(B3EFA7)

Have a look what the booklet for
Hex(B3EFA7) contains.

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Color

Hex(B3EFA7)

Conversions

Conversions Part 1

Format	Color
Hex	B3EFA7
RGB	179, 239, 167
RGB Percent	70%, 94%, 65%
CMY	0.2980, 0.0627, 0.3451
CMYK	0.25, 0.00, 0.30, 0.06
HSL	110°, 69%, 80%
HSV	110°, 30%, 94%
XYZ	56.4320, 74.1067, 47.8890
YIQ	212.8520, -12.6480, -35.1120

Conversions

Conversions Part 2

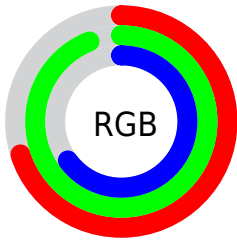
Format	Color
RYB	167, 239, 227
Decimal	11792295
CIELab	88.97, -32.23, 28.89
CIELCh	89, 43.282, 138.126
Yxy	74.1067, 0.3163, 0.4153
Android (android.graphics.Color)	4289982375 (0xFFB3EFA7)
YUV	212.8520, -22.6050, -29.6882
Hunter-Lab	86.0853, -33.6361, 27.2768

Details

The Hex color **B3EFA7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E3A7EF**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **ECFFDF**, and **7DB772** is the 20% darker color. If you saturate the color by 10%, you get **9FEF8F**, and if you desaturate by 10%, it is **C7EFBF**.

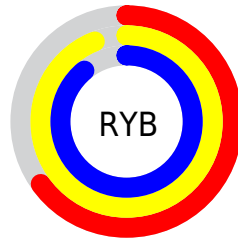
Distribution



Red (70%)

Green (94%)

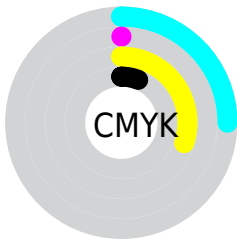
Blue (65%)



Red (65%)

Yellow (94%)

Blue (89%)

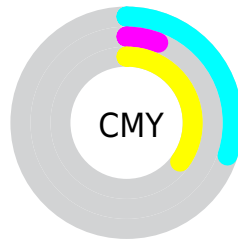


Cyan (25%)

Magenta (0%)

Yellow (30%)

Black (6%)



Cyan (30%)

Magenta (6%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3EFA7 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 B3EFA7 by changing the saturation by 10% instead.

 B3EFA7

 B3EFA7

FFFFFF

 97D38C

 ECFFDF

 7DB772

 FFFFFB

 629C59

 498141

 2F682A

 134F13

 003800

 002300

 000000

 B3EFA7

 B3EFA7

 9FEF8F

 C7EFBF

 8BEF77

 DBEFD7

 77EF5F

 EFEFEF

 63EF47

 FFEFFF

 4FEF2F

 3BEF18

 28EF00

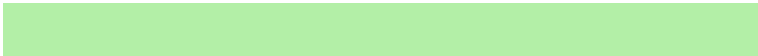
Harmonies

Analogous

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



E2E590



B3EFA7



80F5CD

Triad

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



B3EFA7



8AE8FF



FFC1C8

Complementary

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



B3EFA7



E3A7EF

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.



FFC1F2



B3EFA7



CDDBFF

Square

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



B3EFA7



4EF2FF



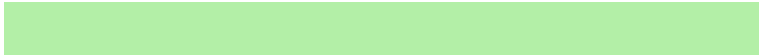
FFCCFF



FFC9A4

Rectangle

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



B3EFA7



5DF6EA



FFCCFF



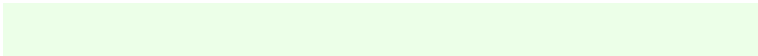
FFC0D6

Sweetspot

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



B3EFA7



ECFFE8



EFE3A7



748071



000000



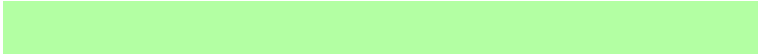
808080

Same Dimension

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



B3EFA7



B3FFA3



A7EFBF



6E786C



1FB800



093800

Inverse Universe

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



E3A7EF



F0A3FF



EFA7D7



766C78



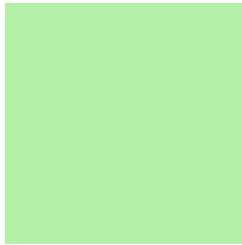
9900B8



2F0038

Previews

White Background



This preview shows how the Hex color B3EFA7 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 B3EFA7 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 B3EFA7 Background



This preview shows how black text looks on a background with the Hex color B3EFA7.

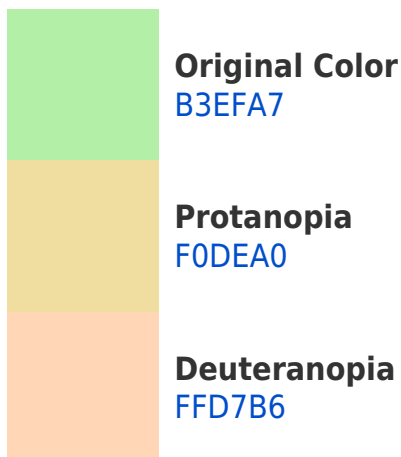


This preview shows how white text looks on a background with the Hex color B3EFA7.

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
C1E5F7

Trichromacy



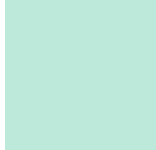
Original Color
B3EFA7



Protanomaly
DAE4A3



Deuteranomaly
E3E0B1

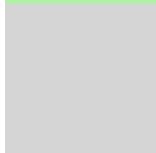


Tritanomaly
BCE9DA

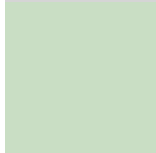
Monochromacy



Original Color
B3EFA7



Achromatopsia
D5D5D5



Achromatomaly
C9DEC4

CSS Examples

Text

The CSS property to change the color of the text to Hex B3EFA7 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 #B3EFA7 looks like.

```
.text, #text, p{  
  color:#B3EFA7  
}
```

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 #B3EFA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3EFA7
}
```

Border

The CSS property to change the border of an element to Hex B3EFA7 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
#B3EFA7 }
```

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

```
.border{ border-color:#B3EFA7 }
```

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

Here you see how a box with a 4 pixel #B3EFA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3EFA7; -webkit-box-shadow:4px 4px  
4px 4px #B3EFA7; box-shadow:4px 4px 4px  
4px #B3EFA7 }
```

Background

The CSS property to change the background color of an element to Hex B3EFA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3EFA7 }
```

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

```
.background{ background-color:#B3EFA7 }
```

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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