

Converting Colors

Hex(B6FFA6)

Have a look what the booklet for
Hex(B6FFA6) contains.

Hex(B6FFA6)	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(B6FFA6)

Conversions

Conversions Part 1

Format	Color
Hex	B6FFA6
RGB	182, 255, 166
RGB Percent	71%, 100%, 65%
CMY	0.2863, 0.0000, 0.3490
CMYK	0.29, 0.00, 0.35, 0.00
HSL	109°, 100%, 83%
HSV	109°, 35%, 100%
XYZ	61.9343, 84.2183, 49.0679
YIQ	223.0270, -14.9390, -43.1550

Conversions

Conversions Part 2

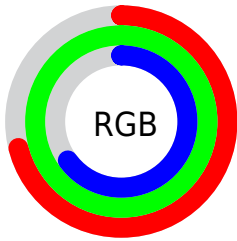
Format	Color
RYB	166, 255, 239
Decimal	11992998
CIELab	93.55, -38.70, 35.54
CIElCh	94, 52.539, 137.440
Yxy	84.2183, 0.3173, 0.4314
Android (android.graphics.Color)	4290183078 (0xFFB6FFA6)
YUV	223.0270, -28.1143, -35.9807
Hunter-Lab	91.7705, -40.1318, 32.5382

Details

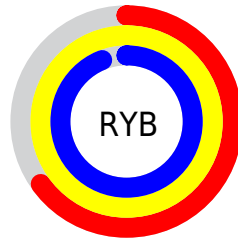
The Hex color **B6FFA6** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **EFA6FF**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **F0FFDE**, and **7FC671** is the 20% darker color. If you saturate the color by 10%, you get **A1FF8D**, and if you desaturate by 10%, it is **CBFFC0**.

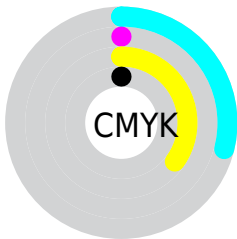
Distribution



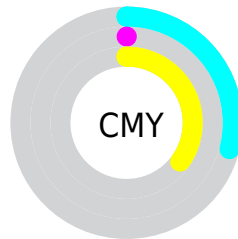
- Red (71%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (94%)



- Cyan (29%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6FFA6 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 B6FFA6 by changing the saturation by 10% instead.

 B6FFA6

FFFFFF

 F0FFDE

 FFFFFB

 B6FFA6

 9AE28B

 7FC671

 64AA58

 498F3F

 2D7527

 0C5C0E

 004400

 002D00

 001500

 B6FFA6

 B6FFA6

 A1FF8D

 CBFFC0

 8CFF73

 E0FFD9

 77FF5A

 F5FFF3

 62FF40

FFFFFF

 4DFF26

 39FF0D

 2EFF00

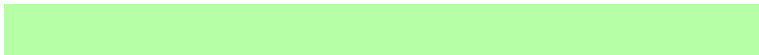
Harmonies

Analogous

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



EFF38A



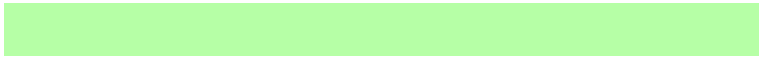
B6FFA6



70FFD5

Triad

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



B6FFA6



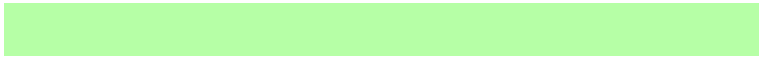
74F8FF



FFC5D1

Complementary

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



B6FFA6



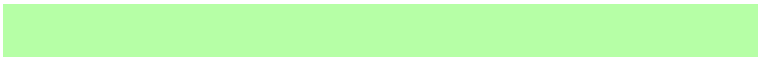
EFA6FF

Split Complementary

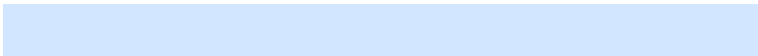
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC7FF



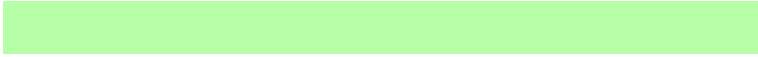
B6FFA6



D2E7FF

Square

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



B6FFA6



00FFFF



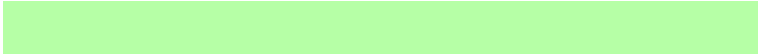
FFD4FF



FFD1A4

Rectangle

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



B6FFA6



2AFFF8



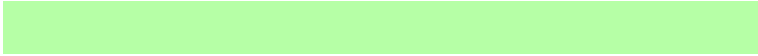
FFD4FF



FFC4E2

Sweetspot

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



B6FFA6



EAFFE6



FFEFA6



738070



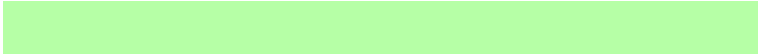
000000



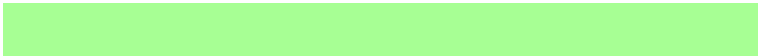
808080

Same Dimension

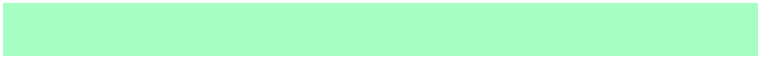
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B6FFA6



A7FF94



A6FFC2



758073



22BF00



0B4000

Inverse Universe

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



EFA6FF



EC94FF



FFA6E3



7D7380



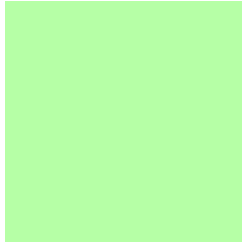
9D00BF



340040

Previews

White Background



This preview shows how the Hex color B6FFA6 looks on a white background.

Color Contrast Check

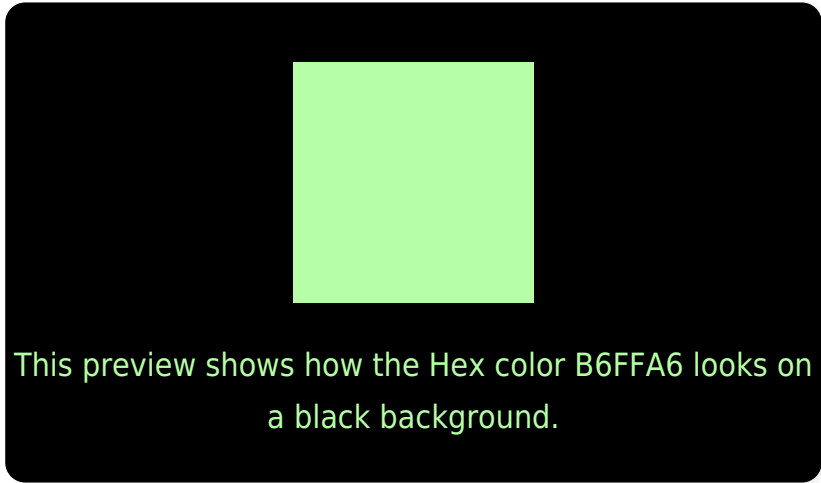
Large Text (above 18pt) WCAG AA × Fail

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

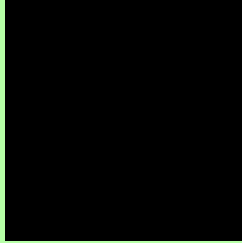
Any Text WCAG AA ✓ Pass

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 B6FFA6 Background



This preview shows how black text looks on a background with the Hex color B6FFA6.

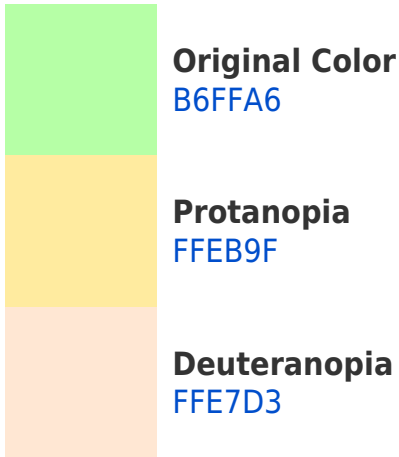


This preview shows how white text looks on a background with the Hex color B6FFA6.

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](#).

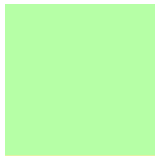
Dichromacy



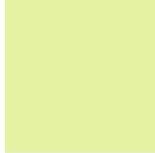


Tritanopia
D2F1FF

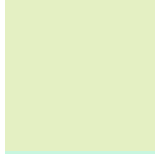
Trichromacy



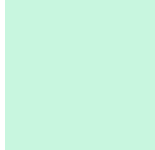
Original Color
B6FFA6



Protanomaly
E4F2A2

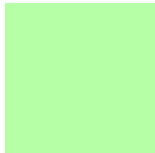


Deuteranomaly
E4F0C3

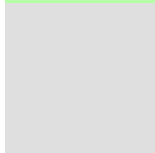


Tritanomaly
C8F6DF

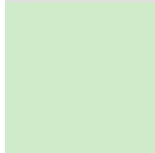
Monochromacy



Original Color
B6FFA6



Achromatopsia
DFDFDF



Achromatomaly
D0EBCA

CSS Examples

Text

The CSS property to change the color of the text to Hex B6FFA6 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 #B6FFA6 looks like.

```
.text, #text, p{  
    color:#B6FFA6  
}
```

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 #B6FFA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6FFA6
}
```

Border

The CSS property to change the border of an element to Hex B6FFA6 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
#B6FFA6 }
```

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

```
.border{ border-color:#B6FFA6 }
```

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

Here you see how a box with a 4 pixel #B6FFA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6FFA6; -webkit-box-shadow:4px 4px  
4px 4px #B6FFA6; box-shadow:4px 4px 4px  
4px #B6FFA6 }
```

Background

The CSS property to change the background color of an element to Hex B6FFA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6FFA6 }
```

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

```
.background{ background-color:#B6FFA6 }
```

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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