

Converting Colors

Hex(B4FFA6)

Have a look what the booklet for
Hex(B4FFA6) contains.

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Color

Hex(B4FFA6)

Conversions

Conversions Part 1

Format	Color
Hex	B4FFA6
RGB	180, 255, 166
RGB Percent	71%, 100%, 65%
CMY	0.2941, 0.0000, 0.3490
CMYK	0.29, 0.00, 0.35, 0.00
HSL	111°, 100%, 83%
HSV	111°, 35%, 100%
XYZ	61.4653, 83.9765, 49.0459
YIQ	222.4290, -16.1310, -43.5790

Conversions

Conversions Part 2

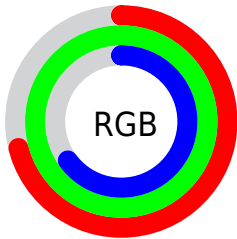
Format	Color
RYB	166, 255, 241
Decimal	11861926
CIELab	93.44, -39.34, 35.38
CIElCh	93, 52.910, 138.038
Yxy	83.9765, 0.3160, 0.4318
Android (android.graphics.Color)	4290052006 (0xFFB4FFA6)
YUV	222.4290, -27.8195, -37.2102
Hunter-Lab	91.6387, -40.6414, 32.4145

Details

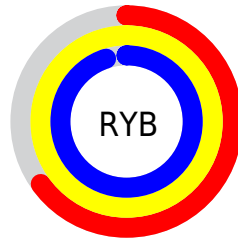
The Hex color **B4FFA6** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **F1A6FF**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **EEFFDE**, and **7DC671** is the 20% darker color. If you saturate the color by 10%, you get **9FFF8D**, and if you desaturate by 10%, it is **C9FFC0**.

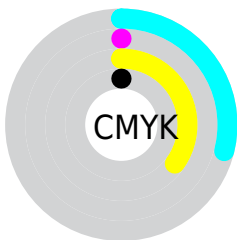
Distribution



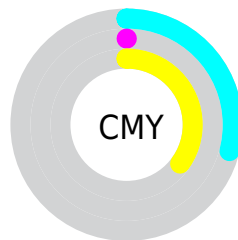
- Red (71%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (95%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color B4FFA6 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 B4FFA6 by changing the saturation by 10% instead.

 B4FFA6

 B4FFA6

FFFFFF

 98E28B

 EEFFDE

 7DC671

 FFFFFB

 62AA58

 478F3F

 2B7527

 065C0E

 004400

 002D00

 001400

 B4FFA6

 B4FFA6

 9FFF8D

 C9FFC0

 89FF73

 DFFFD9

 74FF5A

 F4FFF3

 5EFF40

FFFFFF

 49FF26

 33FF0D

 28FF00

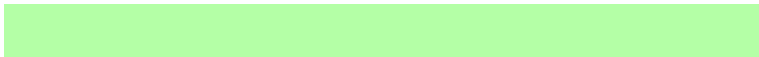
Harmonies

Analogous

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



EEF389



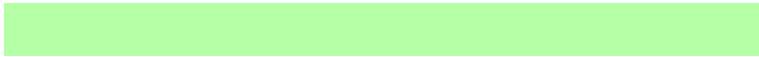
B4FFA6



6DFFD5

Triad

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



B4FFA6



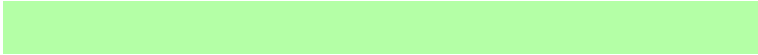
74F7FF



FFC5CF

Complementary

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



B4FFA6



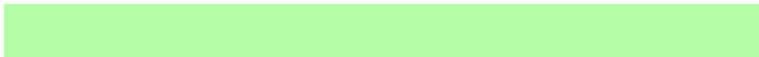
F1A6FF

Split Complementary

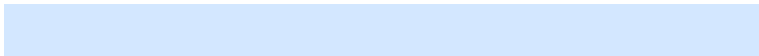
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC6FF



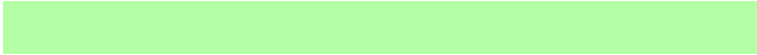
B4FFA6



D3E7FF

Square

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



B4FFA6



00FFFF



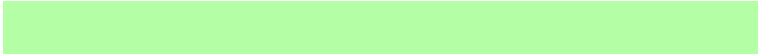
FFD4FF



FFD0A2

Rectangle

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



B4FFA6



20FFF9



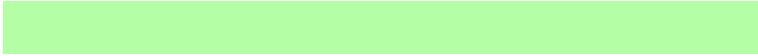
FFD4FF



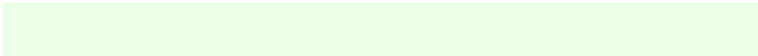
FFC3E0

Sweetspot

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



B4FFA6



EAFFE6



FFF0A6



738070



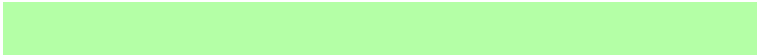
000000



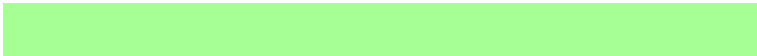
808080

Same Dimension

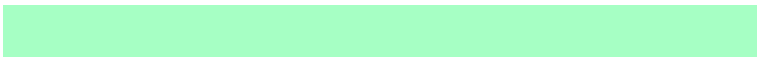
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B4FFA6



A5FF94



A6FFC4



758073



1EBF00



0A4000

Inverse Universe

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



F1A6FF



EE94FF



FFA6E1



7D7380



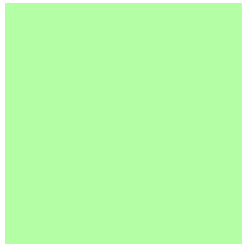
A100BF



360040

Previews

White Background



This preview shows how the Hex color B4FFA6 looks on a white background.

Color Contrast Check

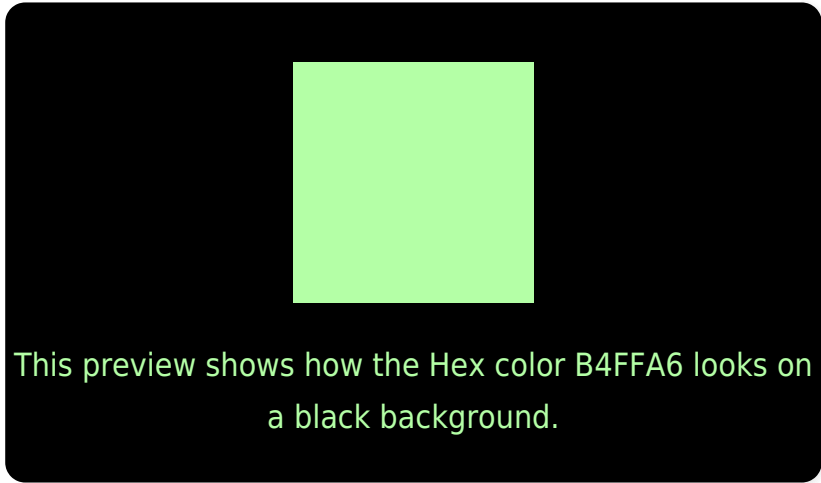
Large Text (above 18pt) WCAG AA × Fail

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

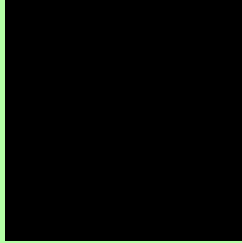
Any Text WCAG AA ✓ Pass

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 B4FFA6 Background



This preview shows how black text looks on a background with the Hex color B4FFA6.

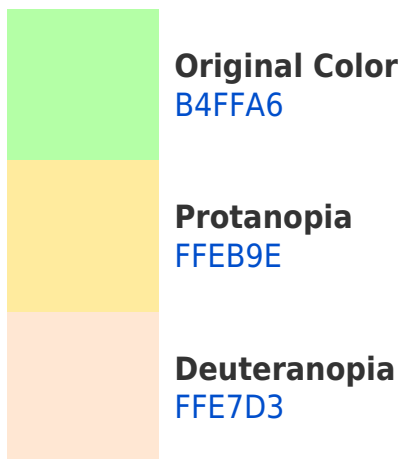


This preview shows how white text looks on a background with the Hex color B4FFA6.

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



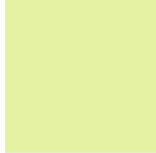


Tritanopia
D1F1FF

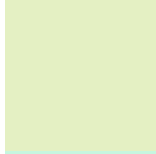
Trichromacy



Original Color
B4FFA6



Protanomaly
E4F2A1

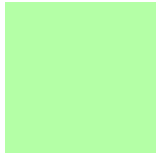


Deuteranomaly
E4F0C3



Tritanomaly
C6F6DF

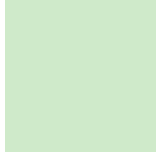
Monochromacy



Original Color
B4FFA6



Achromatopsia
DEDEDE



Achromatomaly
CFEACA

CSS Examples

Text

The CSS property to change the color of the text to Hex B4FFA6 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 #B4FFA6 looks like.

```
.text, #text, p{  
    color:#B4FFA6  
}
```

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 #B4FFA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4FFA6
}
```

Border

The CSS property to change the border of an element to Hex B4FFA6 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
#B4FFA6 }
```

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

```
.border{ border-color:#B4FFA6 }
```

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

Here you see how a box with a 4 pixel #B4FFA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4FFA6; -webkit-box-shadow:4px 4px  
4px 4px #B4FFA6; box-shadow:4px 4px 4px  
4px #B4FFA6 }
```

Background

The CSS property to change the background color of an element to Hex B4FFA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4FFA6 }
```

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

```
.background{ background-color:#B4FFA6 }
```

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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