

Converting Colors

Hex(BBFF6E)

Have a look what the booklet for
Hex(BBFF6E) contains.

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Color

Hex(BBFF6E)

Conversions

Conversions Part 1

Format	Color
Hex	BBFF6E
RGB	187, 255, 110
RGB Percent	73%, 100%, 43%
CMY	0.2667, 0.0000, 0.5686
CMYK	0.27, 0.00, 0.57, 0.00
HSL	88°, 100%, 72%
HSV	88°, 57%, 100%
XYZ	59.0680, 83.2106, 27.6999
YIQ	218.1380, 6.0170, -59.5110

Conversions

Conversions Part 2

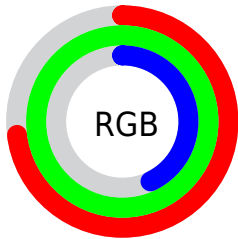
Format	Color
RYB	110, 255, 178
Decimal	12320622
CIELab	93.11, -43.60, 61.39
CIELCh	93, 75.296, 125.385
Yxy	83.2106, 0.3475, 0.4895
Android (android.graphics.Color)	4290510702 (0xFFBBFF6E)
YUV	218.1380, -53.3120, -27.3080
Hunter-Lab	91.2198, -44.0498, 45.8498

Details

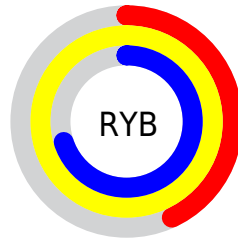
The Hex color **BBFF6E** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **B26EFF**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **F6FFA5**, and **82C636** is the 20% darker color. If you saturate the color by 10%, you get **AFFF55**, and if you desaturate by 10%, it is **C7FF88**.

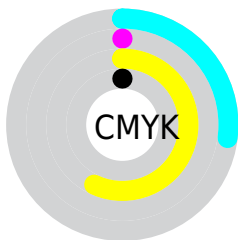
Distribution



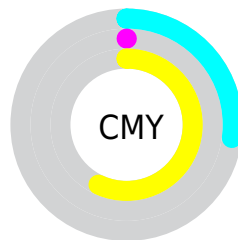
- Red (73%)
- Green (100%)
- Blue (43%)



- Red (43%)
- Yellow (100%)
- Blue (70%)



- Cyan (27%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBFF6E 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 BBFF6E by changing the saturation by 10% instead.

 BBFF6E

 BBFF6E

FFFFFF

 9EE253

 F6FFA5

 82C636

 FFFFC2


 66AA14

 FFFFDF

 498F00

 FFFFFC

 2B7500

 015C00

 004400

 002D00

 001300

 BBFF6E

 BBFF6E

 AFFF55

 C7FF88

 A3FF3B

 D3FFA1

 97FF21

 DFFFBB

 8BFF08

 EBFFD4

 87FF00

 F7FFEE

FFFFFF

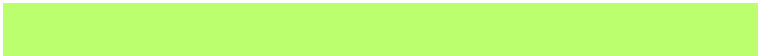
Harmonies

Analogous

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



FFEC50



BBFF6E



44FFAC

Triad

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



BBFF6E



00FFFF



FFAAE1

Complementary

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



BBFF6E



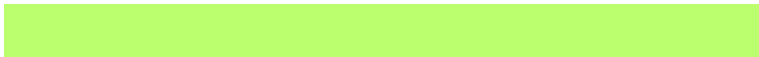
B26EFF

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.



FFB6FF



BBFF6E



71EFFF

Square

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



BBFF6E



00FFFF



FFD3FF



FFB79B

Rectangle

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



BBFF6E



00FFDD



FFD3FF



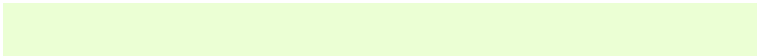
FFABFA

Sweetspot

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



BBFF6E



EBFFD4



FFB26E



748066



000000



808080

Same Dimension

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



BBFF6E



AEFF52



73FF6E



7A8073



66BF00



224000

Inverse Universe

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



B26EFF



A352FF



FA6EFF



797380



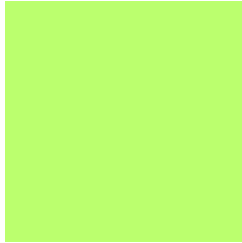
5A00BF



1E0040

Previews

White Background



This preview shows how the Hex color BBFF6E looks on a white background.

Color Contrast Check

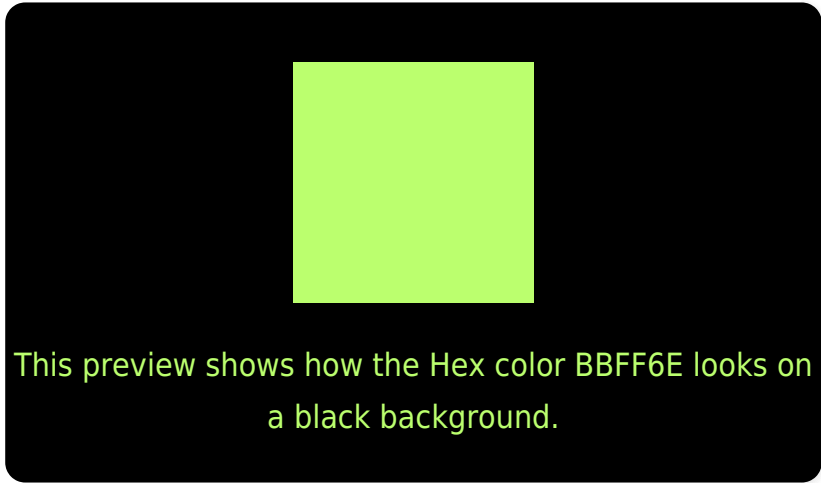
Large Text (above 18pt) WCAG AA × Fail

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

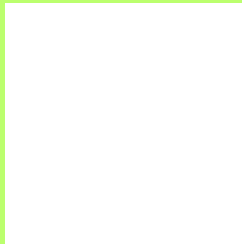
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex BBFF6E Background



This preview shows how black text looks on a background with the Hex color BBFF6E.

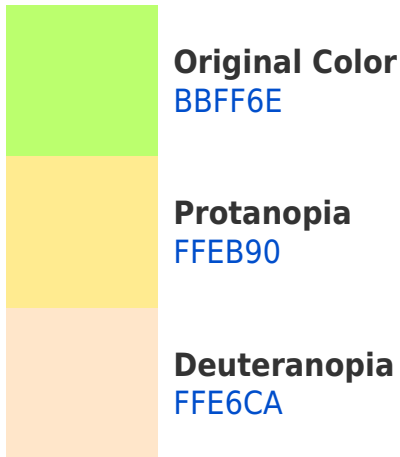


This preview shows how white text looks on a background with the Hex color BBFF6E.

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
D4EFFF

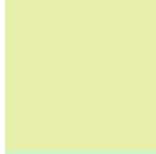
Trichromacy



Original Color
BBFF6E



Protanomaly
E6F284

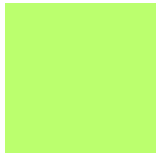


Deuteranomaly
E6EFA9

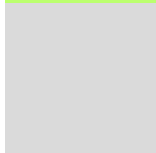


Tritanomaly
CBF5CA

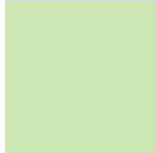
Monochromacy



Original Color
BBFF6E



Achromatopsia
DADADA



Achromatomaly
CFE7B3

CSS Examples

Text

The CSS property to change the color of the text to Hex BBFF6E 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 #BBFF6E looks like.

```
.text, #text, p{  
    color:#BBFF6E  
}
```

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 #BBFF6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBFF6E
}
```

Border

The CSS property to change the border of an element to Hex BBFF6E 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
#BBFF6E }
```

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

```
.border{ border-color:#BBFF6E }
```

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

Here you see how a box with a 4 pixel #BBFF6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBFF6E; -webkit-box-shadow:4px 4px  
4px 4px #BBFF6E; box-shadow:4px 4px 4px  
4px #BBFF6E }
```

Background

The CSS property to change the background color of an element to Hex BBFF6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBFF6E }
```

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

```
.background{ background-color:#BBFF6E }
```

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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