

Converting Colors

Hex(BBD4FF)

Have a look what the booklet for
Hex(BBD4FF) contains.

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Color

Hex(BBD4FF)

Conversions

Conversions Part 1

Format	Color
Hex	BBD4FF
RGB	187, 212, 255
RGB Percent	73%, 83%, 100%
CMY	0.2667, 0.1686, 0.0000
CMYK	0.27, 0.17, 0.00, 0.00
HSL	218°, 100%, 87%
HSV	218°, 27%, 100%
XYZ	62.0870, 64.8718, 103.8569
YIQ	209.4270, -28.7030, 8.0730

Conversions

Conversions Part 2

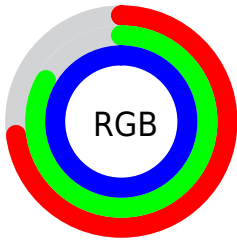
Format	Color
R _Y B	187, 205, 255
Decimal	12309759
CIE Lab	84.42, 1.00, -23.74
CIE LCh	84, 23.761, 272.412
Yxy	64.8718, 0.2690, 0.2811
Android (android.graphics.Color)	4290499839 (0xFFBBD4FF)
YUV	209.4270, 22.4675, -19.6685
Hunter-Lab	80.5430, -3.3526, -20.0719

Details

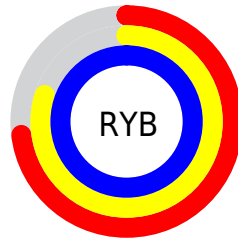
The Hex color **BBD4FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFE6BB**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **F4FFFF**, and **849EC6** is the 20% darker color. If you saturate the color by 10%, you get **A2C4FF**, and if you desaturate by 10%, it is **D4E4FF**.

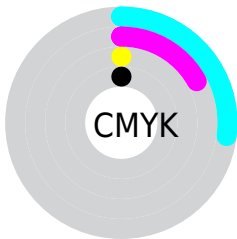
Distribution



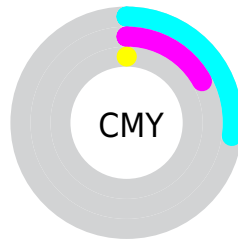
- Red (73%)
- Green (83%)
- Blue (100%)



- Red (73%)
- Yellow (80%)
- Blue (100%)



- Cyan (27%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBD4FF 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 BBD4FF by changing the saturation by 10% instead.

 BBD4FF

 BBD4FF

FFFFFF

 9FB8E2

 F4FFFF

 849EC6

 6A83AB

 506A90

 375276

 1D3B5E

 002646

 00112F

 00011A

 BBD4FF

 BBD4FF

 A2C4FF

 D4E4FF

 88B4FF

 EE44FF

 6EA4FF

FFFFFF

 5594FF

 3B83FF

 2273FF

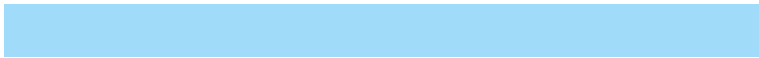
 0863FF

 005EFF

Harmonies

Analogous

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



A1DBFA



BBD4FF



D9CCF8

Triad

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



BBD4FF



FFC5BC



B0DDBD

Complementary

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



BBD4FF



FFE6BB

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.



C9D9AC



BBD4FF



F6CAAC

Square

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



BBD4FF



FFC3D2



E2D2A6



9CE0D4

Rectangle

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



BBD4FF



EAC8EE



E2D2A6



B8DCB7

Sweetspot

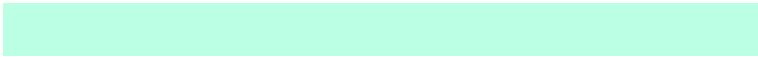
The Sweet Spot groups the original color and five complimentary colors.



BBD4FF



EBF2FF



BBFFE5



737780



000000



808080

Same Dimension

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



BBD4FF



ADCBFF



C3BBFF



737780



0046BF



001740

Inverse Universe

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



FFBBD4



FFADCB



F7FFBB



807377



BF0046



400017

Previews

White Background



This preview shows how the Hex color BBD4FF looks on a white background.

Color Contrast Check

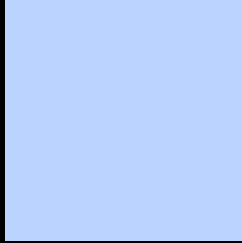
Large Text (above 18pt) WCAG AA × Fail

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 BBD4FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

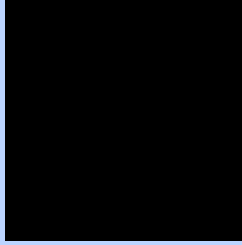
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

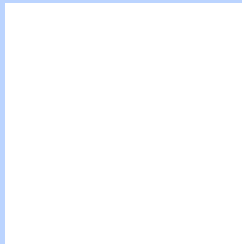
Any Text WCAG AAA ✓ Pass

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

Hex BBD4FF Background



This preview shows how black text looks on a background with the Hex color BBD4FF.

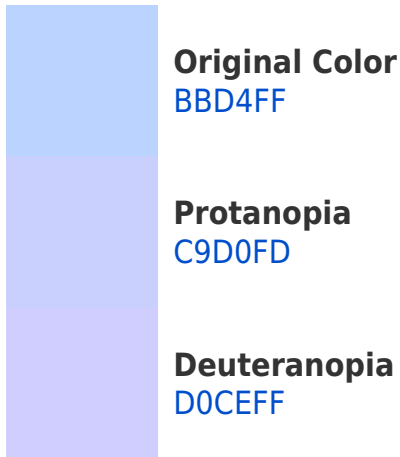


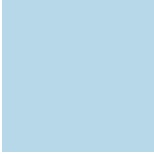
This preview shows how white text looks on a background with the Hex color BBD4FF.

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](#).

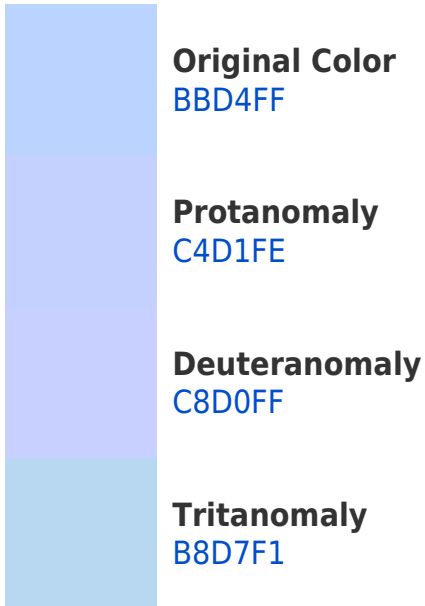
Dichromacy



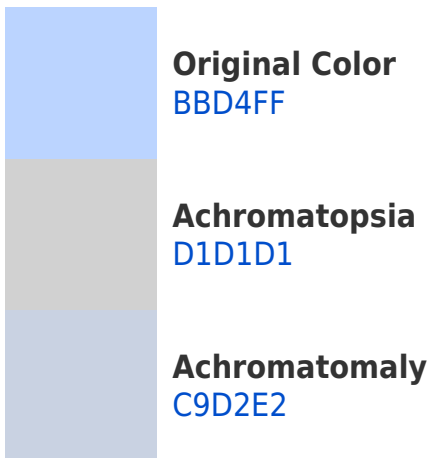


Tritanopia
B6D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBD4FF 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 #BBD4FF looks like.

```
.text, #text, p{  
    color:#BBD4FF  
}
```

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 #BBD4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBD4FF }  
}
```

Border

The CSS property to change the border of an element to Hex BBD4FF 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 #BBD4FF }  
}
```

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

```
.border{ border-color:#BBD4FF }
```

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

Here you see how a box with a 4 pixel #BBD4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBD4FF; -webkit-box-shadow:4px 4px  
4px 4px #BBD4FF; box-shadow:4px 4px 4px  
4px #BBD4FF }
```

Background

The CSS property to change the background color of an element to Hex BBD4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBD4FF }
```

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

```
.background{ background-color:#BBD4FF }
```

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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