

# Converting Colors

Hex(B8DCFF)

Have a look what the booklet for  
Hex(B8DCFF) contains.

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# **Color**

**Hex(B8DCFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8DCFF
RGB	184, 220, 255
RGB Percent	72%, 86%, 100%
CMY	0.2784, 0.1373, 0.0000
CMYK	0.28, 0.14, 0.00, 0.00
HSL	210°, 100%, 86%
HSV	210°, 28%, 100%
XYZ	63.4104, 68.5967, 104.5062
YIQ	213.2260, -32.6910, 3.2530

# Conversions

## Conversions Part 2

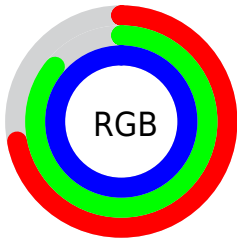
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 208, 255
Decimal	12115199
CIELab	86.30, -4.07, -20.90
CIElCh	86, 21.290, 258.978
Yxy	68.5967, 0.2681, 0.2900
Android (android.graphics.Color)	4290305279 (0xFFB8DCFF)
YUV	213.2260, 20.5946, -25.6312
Hunter-Lab	82.8232, -8.2789, -16.8358

# Details

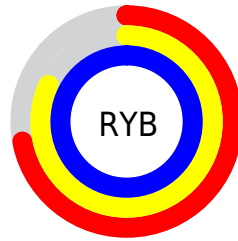
The Hex color **B8DCFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDBB8**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **F1FFFF**, and **81A5C6** is the 20% darker color. If you saturate the color by 10%, you get **9FCFFF**, and if you desaturate by 10%, it is **D2E9FF**.

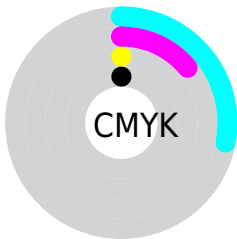
# Distribution



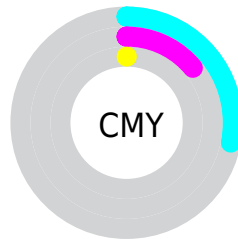
- Red (72%)
- Green (86%)
- Blue (100%)



- Red (72%)
- Yellow (82%)
- Blue (100%)



- Cyan (28%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (14%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8DCFF 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 B8DCFF by changing the saturation by 10% instead.



 B8DCFF

 B8DCFF

FFFFFF

 9CC0E2

 F1FFFF

 81A5C6

 678BAB

 4D7190

 335977

 18425E

 002C46

 00172F

 00011B

 B8DCFF

 B8DCFF

 9FCFF

 D2E9FF

 85C3FF

 EBF5FF


 6BB6FF

FFFFFF

 52AAFF

 399DFF

 1F91FF

 0684FF

 0081FF

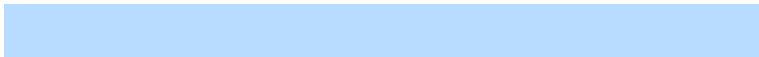
# Harmonies

## Analogous

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



A6E1F6



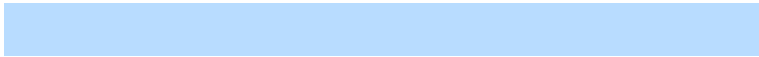
B8DCFF



D2D5FE

# Triad

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



B8DCFF



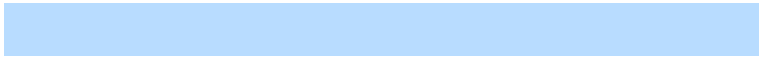
FFCACC



C3E0BD

# Complementary

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



B8DCFF



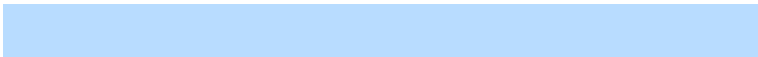
FFDBB8

# 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.



DADBB2



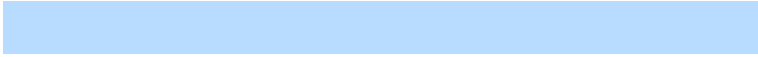
B8DCFF



FDCEBA

# Square

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



B8DCFF



FCCBE0



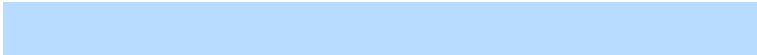
EFD4B1



AEE3D0

# Rectangle

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



B8DCFF



E3D1F7



EFD4B1



CBDEB8

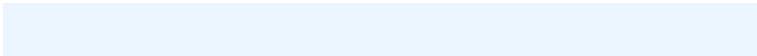


# Sweetspot

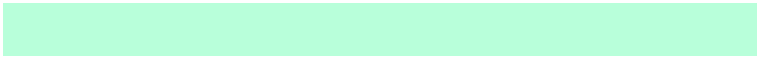
The Sweet Spot groups the original color and five complimentary colors.



B8DCFF



EBF5FF



B8FFDA



737980



000000

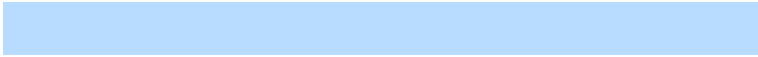


808080

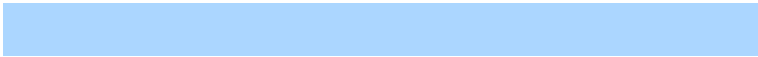


# Same Dimension

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



B8DCFF



ABD6FF



B8B9FF



737980



0061BF



002040



# Inverse Universe

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



FFB8DC



FFABD6



FFFEB8



807379



BF0061

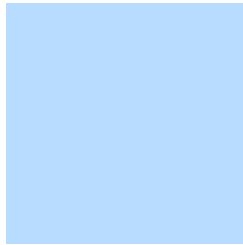


400020



# Previews

## White Background



This preview shows how the Hex color B8DCFF looks on a white background.

## Color Contrast Check

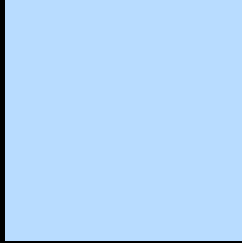
Large Text (above 18pt) WCAG AA × Fail

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 B8DCFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

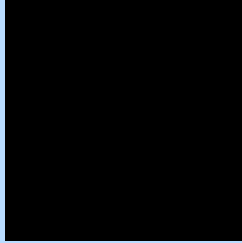
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

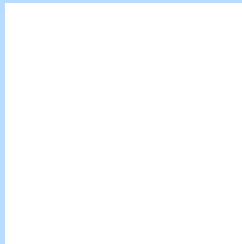
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B8DCFF Background



This preview shows how black text looks on a background with the Hex color B8DCFF.

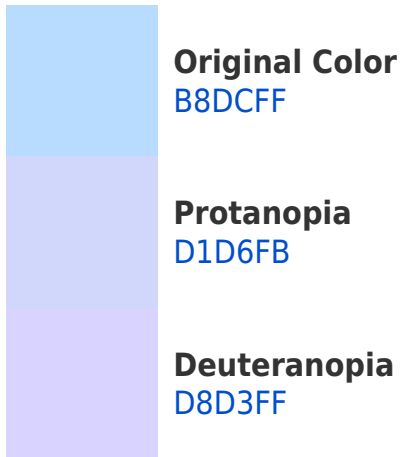


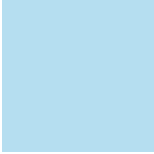
This preview shows how white text looks on a background with the Hex color B8DCFF.

# 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](#).

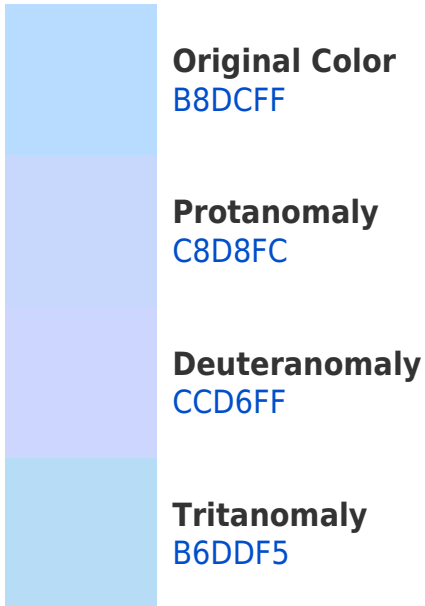
## Dichromacy



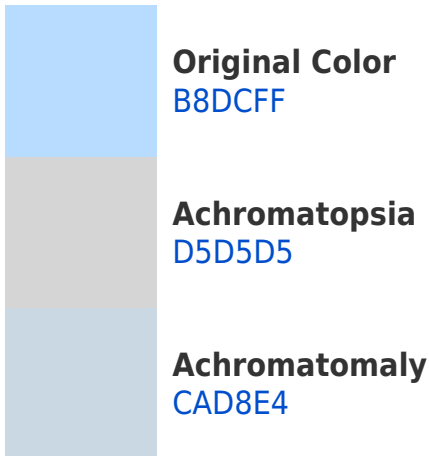


**Tritanopia**  
B5DEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8DCFF 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 #B8DCFF looks like.

```
.text, #text, p{  
    color:#B8DCFF  
}
```

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 #B8DCFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8DCFF
}
```

## Border

The CSS property to change the border of an element to Hex B8DCFF 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
#B8DCFF }
```

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

```
.border{ border-color:#B8DCFF }
```

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

Here you see how a box with a 4 pixel #B8DCFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8DCFF; -webkit-box-shadow:4px 4px  
4px 4px #B8DCFF; box-shadow:4px 4px 4px  
4px #B8DCFF }
```

# Background

The CSS property to change the background color of an element to Hex B8DCFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8DCFF }
```

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

```
.background{ background-color:#B8DCFF }
```

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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