

# Converting Colors

Hex(B3D9FF)

Have a look what the booklet for  
Hex(B3D9FF) contains.

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# **Color**

**Hex(B3D9FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3D9FF
RGB	179, 217, 255
RGB Percent	70%, 85%, 100%
CMY	0.2980, 0.1490, 0.0000
CMYK	0.30, 0.15, 0.00, 0.00
HSL	210°, 100%, 85%
HSV	210°, 30%, 100%
XYZ	61.4533, 66.4294, 104.1910
YIQ	209.9700, -34.8460, 3.7620

# Conversions

## Conversions Part 2

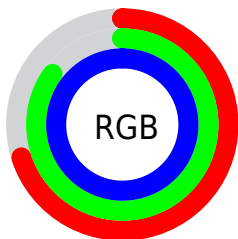
Format	Color
R <sub>Y</sub> B	179, 204, 255
Decimal	11786751
CIE Lab	85.21, -3.92, -22.58
CIE LCh	85, 22.914, 260.154
Yxy	66.4294, 0.2648, 0.2862
Android (android.graphics.Color)	4289976831 (0xFFB3D9FF)
YUV	209.9700, 22.1998, -27.1607
Hunter-Lab	81.5042, -8.0455, -18.7404

# Details

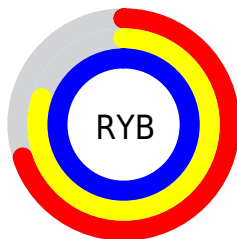
The Hex color **B3D9FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD9B3**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **ECFFFF**, and **7CA2C6** is the 20% darker color. If you saturate the color by 10%, you get **99CCFF**, and if you desaturate by 10%, it is **CCE6FF**.

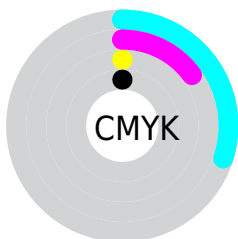
# Distribution



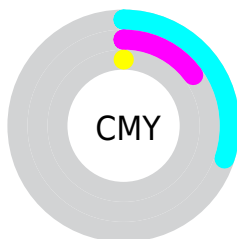
- Red (70%)
- Green (85%)
- Blue (100%)



- Red (70%)
- Yellow (80%)
- Blue (100%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3D9FF 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 B3D9FF by changing the saturation by 10% instead.



 B3D9FF

 B3D9FF

FFFFFF

 97BDE2

 ECFFFF

 7CA2C6

 6288AB

 486F90

 2D5677

 0E3F5E

 002946

 00152F

 00011A

 B3D9FF

 B3D9FF

 99CCFF

 CCE6FF

 80C0FF

 E6F3FF

 66B3FF

FFFFFF

 4DA6FF

 3399FF

 1A8DFF

 0080FF

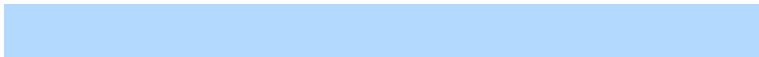
# Harmonies

## Analogous

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



9EDEF5



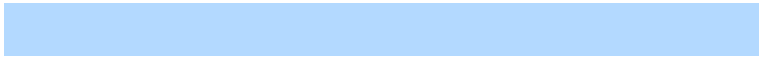
B3D9FF



CFD2FD

# Triad

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



B3D9FF



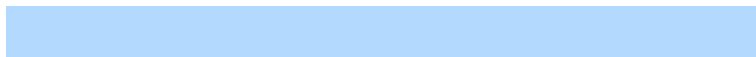
FFC6C7



BDDEB9

# Complementary

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



B3D9FF



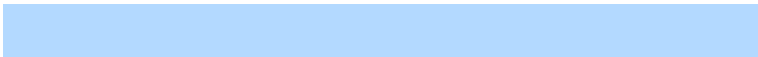
FFD9B3

# 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.



D6D8AC



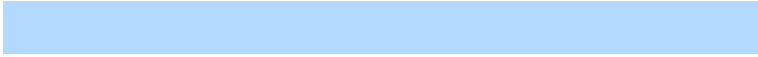
B3D9FF



FCCAB4

# Square

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



B3D9FF



FCC6DD



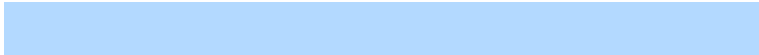
ECD1AB



A7E1CD

# Rectangle

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



B3D9FF



E2CDF6



ECD1AB

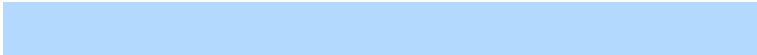


C5DCB3



# Sweetspot

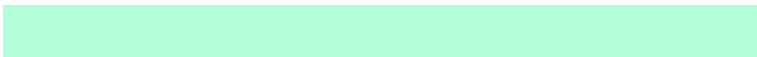
The Sweet Spot groups the original color and five complimentary colors.



B3D9FF



E8F4FF



B3FFD9



717880



000000

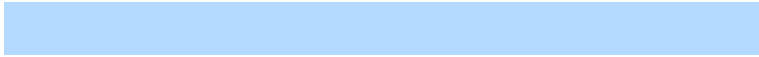


808080

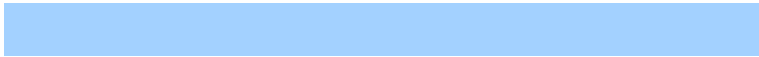


# Same Dimension

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



B3D9FF



A3D1FF



B3B3FF



737980



0060BF



002040



# Inverse Universe

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



FFB3D9



FFA3D1



FFFFB3



807379



BF0060

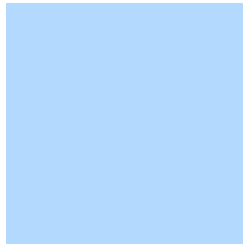


400020



# Previews

## White Background



This preview shows how the Hex color B3D9FF looks on a white background.

## Color Contrast Check

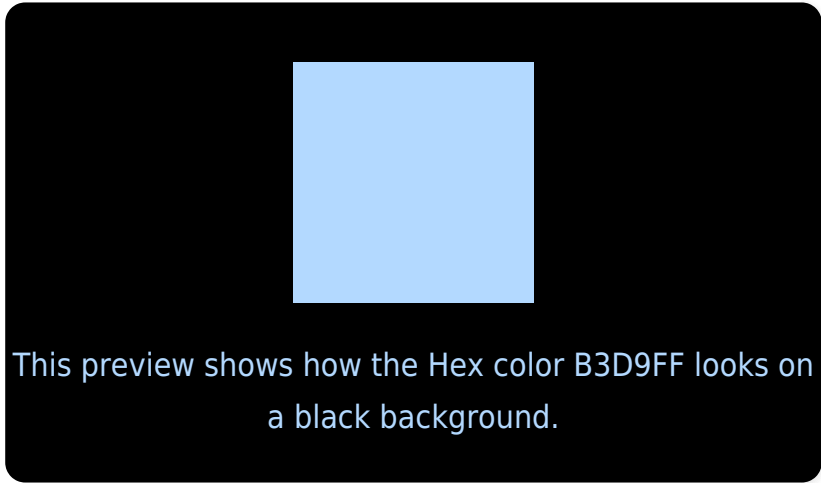
Large Text (above 18pt) WCAG AA × Fail

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

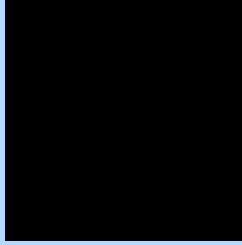
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

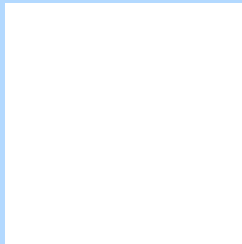
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3D9FF Background



This preview shows how black text looks on a background with the Hex color B3D9FF.

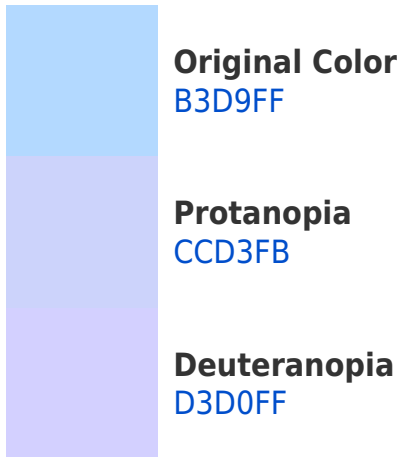


This preview shows how white text looks on a background with the Hex color B3D9FF.

# Color Blindness Simulation

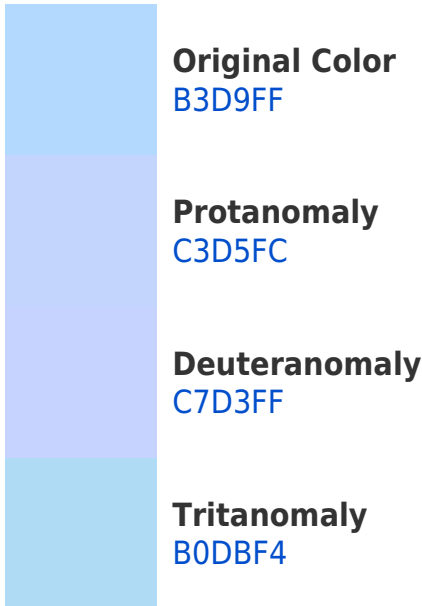
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

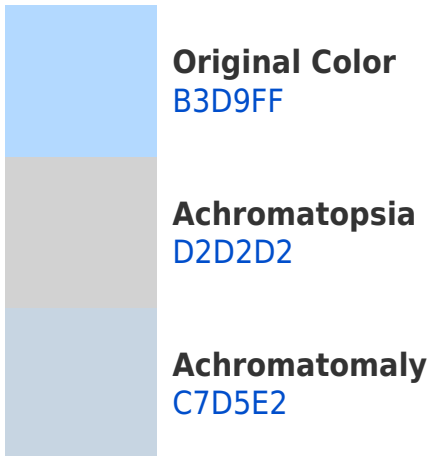




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3D9FF 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 #B3D9FF looks like.

```
.text, #text, p{  
    color:#B3D9FF  
}
```

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 #B3D9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3D9FF  
}
```

## Border

The CSS property to change the border of an element to Hex B3D9FF 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  
#B3D9FF }
```

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

```
.border{ border-color:#B3D9FF }
```

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

Here you see how a box with a 4 pixel #B3D9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3D9FF; -webkit-box-shadow:4px 4px  
4px 4px #B3D9FF; box-shadow:4px 4px 4px  
4px #B3D9FF }
```

# Background

The CSS property to change the background color of an element to Hex B3D9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3D9FF }
```

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

```
.background{ background-color:#B3D9FF }
```

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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