

# Converting Colors

Hex(B3E8FF)

Have a look what the booklet for  
Hex(B3E8FF) contains.

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# **Color**

**Hex(B3E8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3E8FF
RGB	179, 232, 255
RGB Percent	70%, 91%, 100%
CMY	0.2980, 0.0902, 0.0000
CMYK	0.30, 0.09, 0.00, 0.00
HSL	198°, 100%, 85%
HSV	198°, 30%, 100%
XYZ	65.4970, 74.5169, 105.5389
YIQ	218.7750, -38.9710, -4.0830

# Conversions

## Conversions Part 2

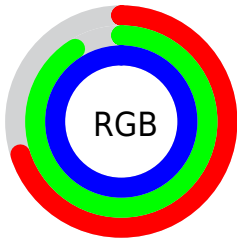
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	179, 210, 255
Decimal	11790591
CIE Lab	89.17, -11.67, -16.61
CIE LCh	89, 20.298, 234.916
Yxy	74.5169, 0.2667, 0.3035
Android (android.graphics.Color)	4289980671 (0xFFB3E8FF)
YUV	218.7750, 17.8589, -34.8827
Hunter-Lab	86.3232, -15.6302, -12.0618

# Details

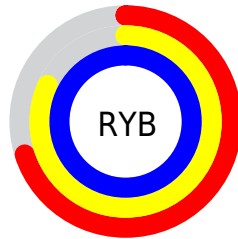
The Hex color **B3E8FF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFCAB3**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **ECFFFF**, and **7CB0C6** is the 20% darker color. If you saturate the color by 10%, you get **99E0FF**, and if you desaturate by 10%, it is **CCF0FF**.

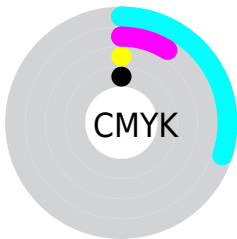
# Distribution



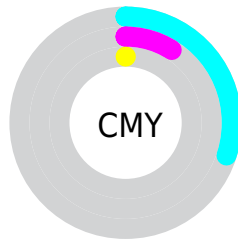
- Red (70%)
- Green (91%)
- Blue (100%)



- Red (70%)
- Yellow (82%)
- Blue (100%)



- Cyan (30%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3E8FF 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 B3E8FF by changing the saturation by 10% instead.



 B3E8FF

 B3E8FF

FFFFFF

 97CCE2

 ECFFFF

 7CB0C6

 6196AB

 477C90

 2C6377

 0A4B5E

 003446

 001F30

 00011B

 B3E8FF

 B3E8FF

 99E0FF

 CCF0FF

 80D9FF

 E6F7FF

 66D1FF

FFFFFF

 4DC9FF

 33C1FF

 1ABAFF

 00B2FF

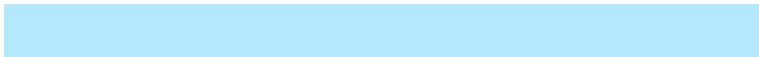
# Harmonies

## Analogous

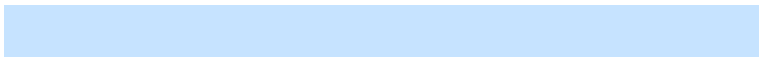
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ADEBF0



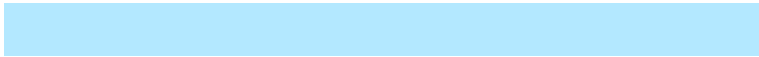
B3E8FF



C6E3FF

# Triad

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



B3E8FF



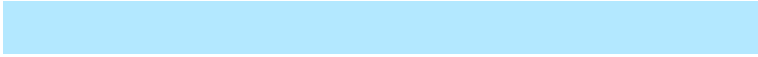
FFD3E4



DEE4BD

# Complementary

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



B3E8FF



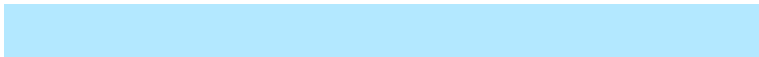
FFCAB3

# 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.



F3DEBA



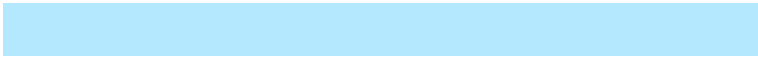
B3E8FF



FFD3D1

# Square

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



B3E8FF



F6D6F7



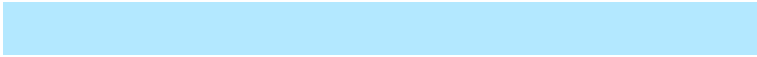
FFD7C1



C8E9C9

# Rectangle

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



**B3E8FF**



**D7DEFF**



**FFD7C1**

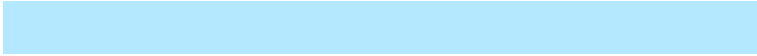


**E5E2BB**

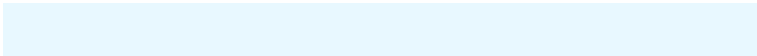


# Sweetspot

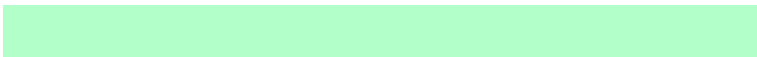
The Sweet Spot groups the original color and five complimentary colors.



B3E8FF



E8F8FF



B3FFCA



717B80



000000

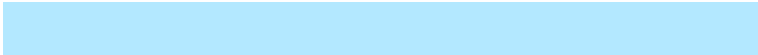


808080

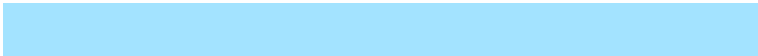


# Same Dimension

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



B3E8FF



A3E3FF



B3C2FF



737C80



0085BF



002C40



# Inverse Universe

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



FFB3E8



FFA3E3



FFF0B3



80737C



BF0085

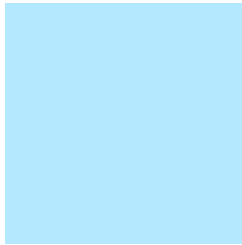


40002C



# Previews

## White Background



This preview shows how the Hex color B3E8FF looks on a white background.

## Color Contrast Check

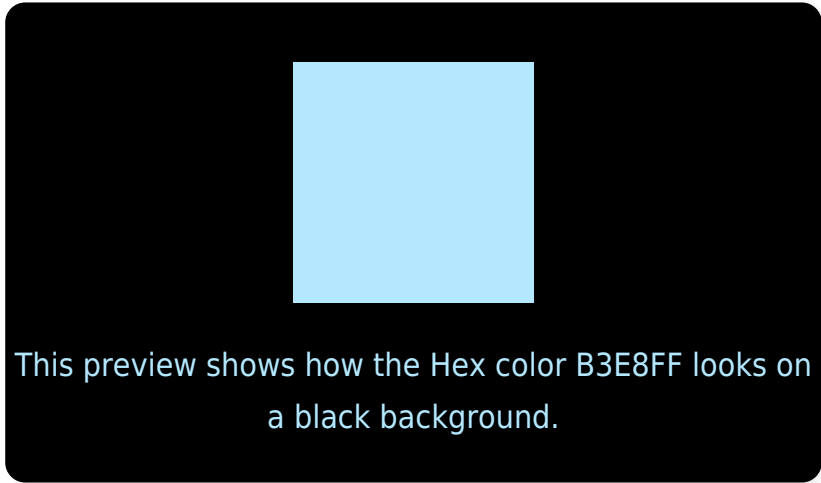
Large Text (above 18pt) WCAG AA × Fail

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

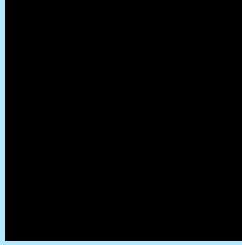
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3E8FF Background



This preview shows how black text looks on a background with the Hex color B3E8FF.

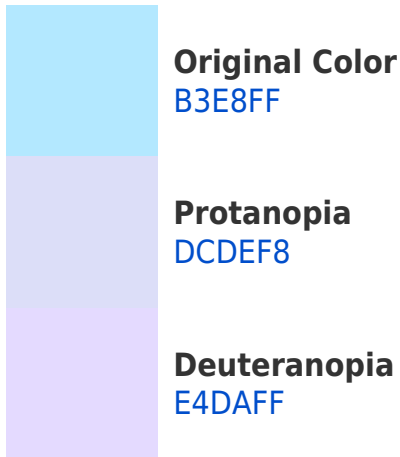


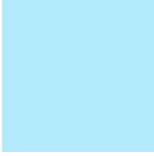
This preview shows how white text looks on a background with the Hex color B3E8FF.

# 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](#).

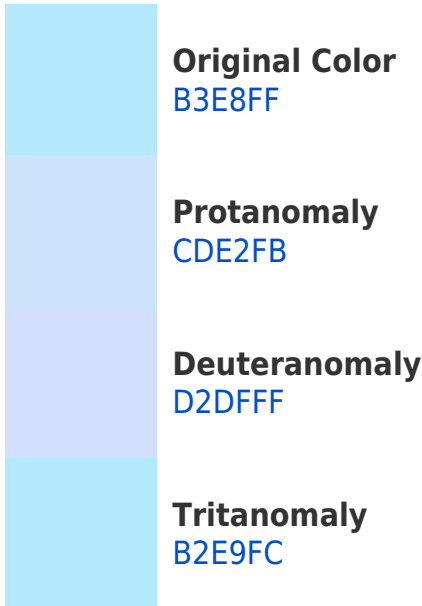
## Dichromacy



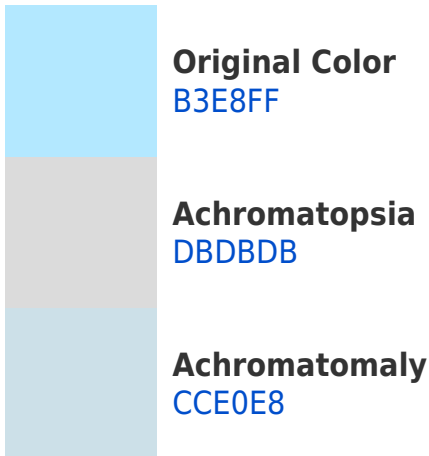


**Tritanopia**  
B2E9FB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3E8FF 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 #B3E8FF looks like.

```
.text, #text, p{  
    color:#B3E8FF  
}
```

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 #B3E8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3E8FF
}
```

## Border

The CSS property to change the border of an element to Hex B3E8FF 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
#B3E8FF }
```

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

```
.border{ border-color:#B3E8FF }
```

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

Here you see how a box with a 4 pixel #B3E8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3E8FF; -webkit-box-shadow:4px 4px  
4px 4px #B3E8FF; box-shadow:4px 4px 4px  
4px #B3E8FF }
```

# Background

The CSS property to change the background color of an element to Hex B3E8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3E8FF }
```

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

```
.background{ background-color:#B3E8FF }
```

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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