

Converting Colors

Hex(B3E3FF)

Have a look what the booklet for
Hex(B3E3FF) contains.

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Color

Hex(B3E3FF)

Conversions

Conversions Part 1

Format	Color
Hex	B3E3FF
RGB	179, 227, 255
RGB Percent	70%, 89%, 100%
CMY	0.2980, 0.1098, 0.0000
CMYK	0.30, 0.11, 0.00, 0.00
HSL	202°, 100%, 85%
HSV	202°, 30%, 100%
XYZ	64.1095, 71.7419, 105.0764
YIQ	215.8400, -37.5960, -1.4680

Conversions

Conversions Part 2

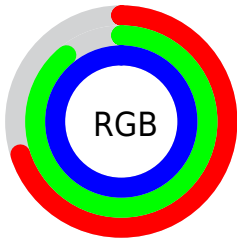
Format	Color
R_{YB}	179, 208, 255
Decimal	11789311
CIE _{Lab}	87.84, -9.11, -18.60
CIE _{LCh}	88, 20.711, 243.907
Yxy	71.7419, 0.2661, 0.2978
Android (android.graphics.Color)	4289979391 (0xFFB3E3FF)
YUV	215.8400, 19.3059, -32.3087
Hunter-Lab	84.7006, -13.1201, -14.2626

Details

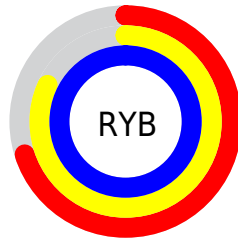
The Hex color **B3E3FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFCFB3**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **ECFFFF**, and **7CACCC6** is the 20% darker color. If you saturate the color by 10%, you get **99DAFF**, and if you desaturate by 10%, it is **CCECFF**.

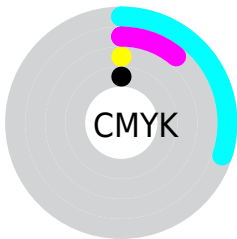
Distribution



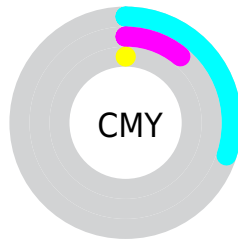
- Red (70%)
- Green (89%)
- Blue (100%)



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



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3E3FF 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 B3E3FF by changing the saturation by 10% instead.

 B3E3FF

 B3E3FF

FFFFFF

 97C7E2

 ECFFFF

 7CACC6

 6291AB

 477790

 2C5F77

 0C475E

 003146

 001C30

 00011B

 B3E3FF

 B3E3FF

 99DAFF

 CCECFF

 80D0FF

 E6F6FF

 66C7FF

FFFFFF

 4DBDFF

 33B4FF

 1AABFF

 00A1FF

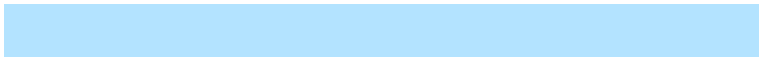
Harmonies

Analogous

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



A8E7F1



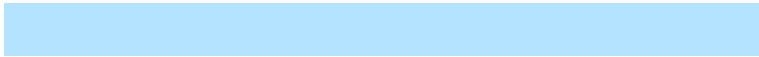
B3E3FF



CADDFF

Triad

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



B3E3FF



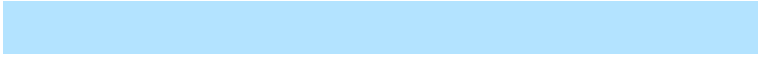
FFCFDA



D3E2BB

Complementary

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



B3E3FF



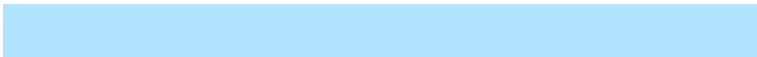
FFCFB3

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.



E9DCB5



B3E3FF



FFD0C7

Square

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



B3E3FF



F8D1EE



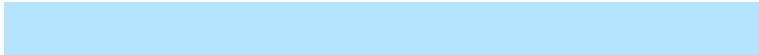
FBD5BA



BDE6CA

Rectangle

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



B3E3FF



DBD9FF



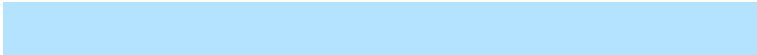
FBD5BA



DBE0B8

Sweetspot

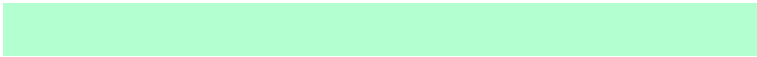
The Sweet Spot groups the original color and five complimentary colors.



B3E3FF



E8F7FF



B3FFCF



717A80



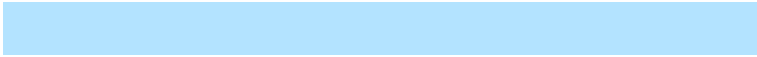
000000



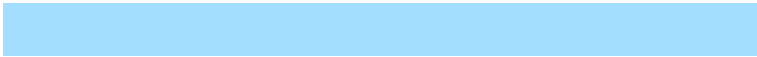
808080

Same Dimension

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



B3E3FF



A3DDFF



B3BDFF



737B80



0079BF



002840

Inverse Universe

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



FFB3E3



FFA3DD



FFF5B3



80737B



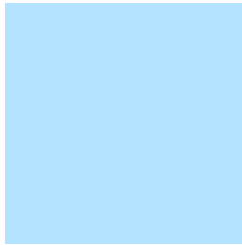
BF0079



400028

Previews

White Background



This preview shows how the Hex color B3E3FF looks on a white background.

Color Contrast Check

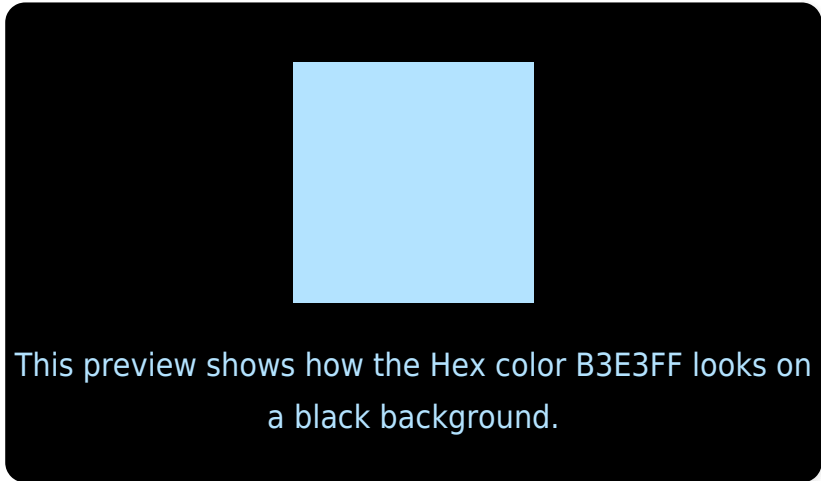
Large Text (above 18pt) WCAG AA × Fail

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

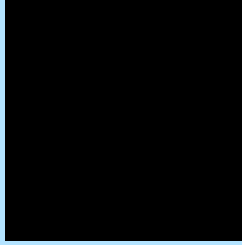
Any Text WCAG AA ✓ Pass

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 B3E3FF Background



This preview shows how black text looks on a background with the Hex color B3E3FF.

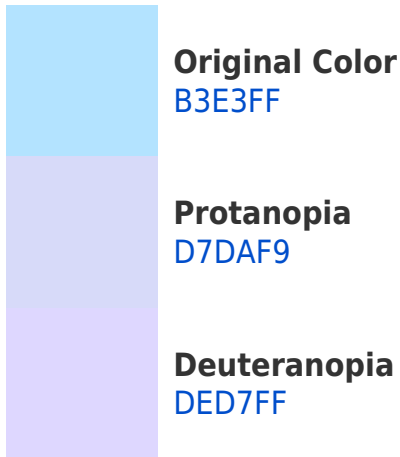


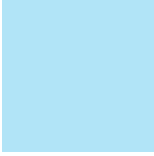
This preview shows how white text looks on a background with the Hex color B3E3FF.

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](#).

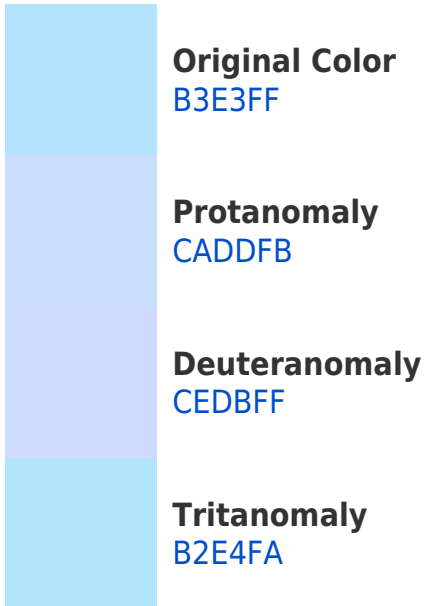
Dichromacy



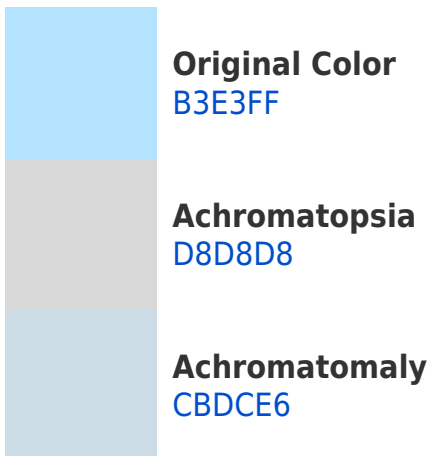


Tritanopia
B1E4F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3E3FF 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 #B3E3FF looks like.

```
.text, #text, p{  
    color:#B3E3FF  
}
```

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 #B3E3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3E3FF
}
```

Border

The CSS property to change the border of an element to Hex B3E3FF 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
#B3E3FF }
```

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

```
.border{ border-color:#B3E3FF }
```

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

Here you see how a box with a 4 pixel #B3E3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3E3FF; -webkit-box-shadow:4px 4px  
4px 4px #B3E3FF; box-shadow:4px 4px 4px  
4px #B3E3FF }
```

Background

The CSS property to change the background color of an element to Hex B3E3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3E3FF }
```

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

```
.background{ background-color:#B3E3FF }
```

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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