

# Converting Colors

Hex(B8EDFF)

Have a look what the booklet for  
Hex(B8EDFF) contains.

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# **Color**

**Hex(B8EDFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8EDFF
RGB	184, 237, 255
RGB Percent	72%, 93%, 100%
CMY	0.2784, 0.0706, 0.0000
CMYK	0.28, 0.07, 0.00, 0.00
HSL	195°, 100%, 86%
HSV	195°, 28%, 100%
XYZ	68.1014, 77.9787, 106.0698
YIQ	223.2050, -37.3660, -5.6380

# Conversions

## Conversions Part 2

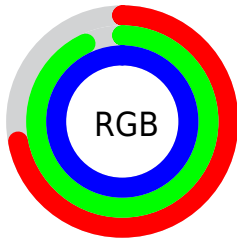
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 214, 255
Decimal	12119551
CIELab	90.77, -12.80, -14.18
CIELCh	91, 19.102, 227.914
Yxy	77.9787, 0.2701, 0.3093
Android (android.graphics.Color)	4290309631 (0xFFB8EDFF)
YUV	223.2050, 15.6749, -34.3828
Hunter-Lab	88.3056, -16.8753, -9.4034

# Details

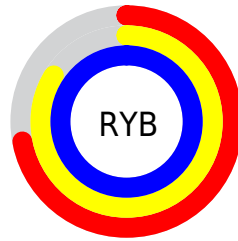
The Hex color **B8EDFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFCAB8**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **F1FFFF**, and **81B5C6** is the 20% darker color. If you saturate the color by 10%, you get **9FE7FF**, and if you desaturate by 10%, it is **D2F3FF**.

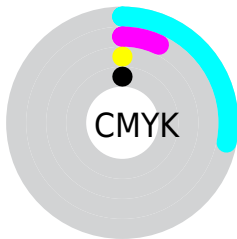
# Distribution



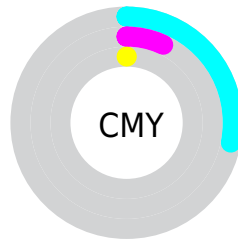
- Red (72%)
- Green (93%)
- Blue (100%)



- Red (72%)
- Yellow (84%)
- Blue (100%)



- Cyan (28%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8EDFF 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 B8EDFF by changing the saturation by 10% instead.



 B8EDFF

FFFFFF

 F1FFFF

 B8EDFF

 9CD1E2

 81B5C6

 669AAB

 4C8090

 326777

 144F5E

 003846

 002230

 00071C

 B8EDFF

 B8EDFF

 9FE7FF

 D2F3FF

 85E0FF

 EBFAFF

 6BDAFF

FFFFFF

 52D3FF

 39CDFF

 1FC6FF

 06C0FF

 00BEFF

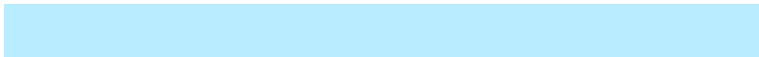
# Harmonies

## Analogous

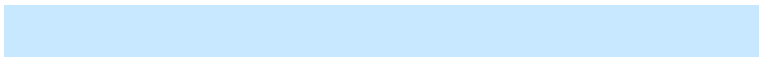
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B5EFEF



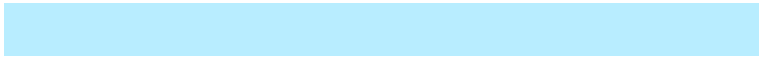
B8EDFF



C8E8FF

# Triad

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



B8EDFF



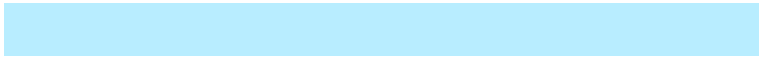
FFD9ED



E7E7C2

# Complementary

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



B8EDFF



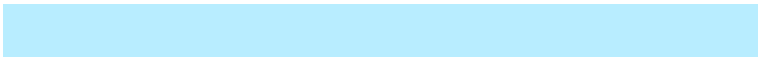
FFCAB8

# 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.



FAE1C1



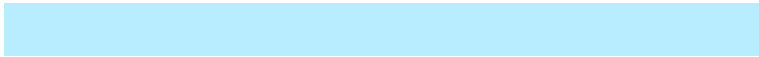
B8EDFF



FFD8DA

# Square

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



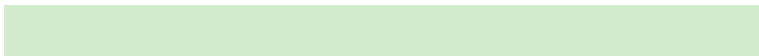
B8EDFF



F5DCFD



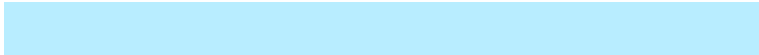
FFDBCA



D2ECCC

# Rectangle

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



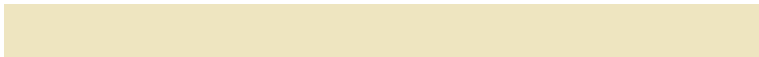
B8EDFF



D7E4FF



FFDBCA

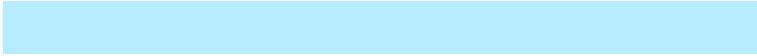


EEE5C0

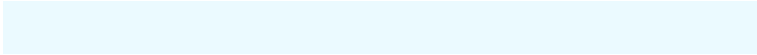


# Sweetspot

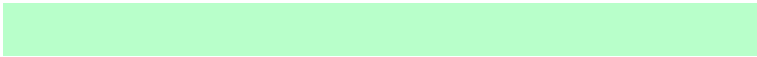
The Sweet Spot groups the original color and five complimentary colors.



B8EDFF



EBFAFF



B8FFCA



737C80



000000

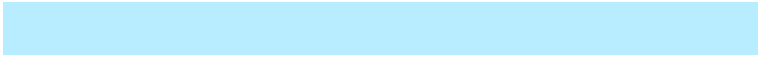


808080

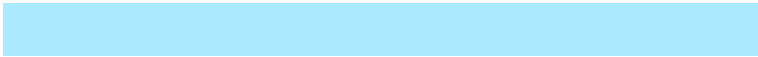


# Same Dimension

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



B8EDFF



ABEAFF



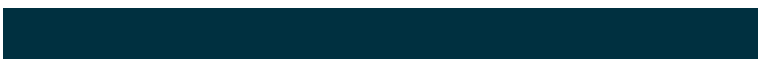
B8CAFF



737C80



008FBF



003040



# Inverse Universe

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



FFB8ED



FFABEA



FFEDB8



80737C



BF008F

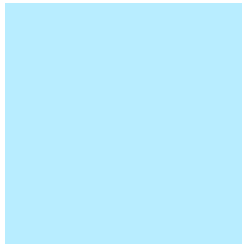


400030



# Previews

## White Background



This preview shows how the Hex color B8EDFF looks on a white background.

## Color Contrast Check

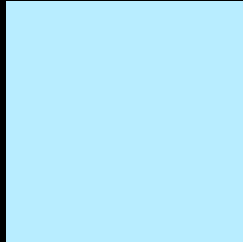
Large Text (above 18pt) WCAG AA × Fail

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 B8EDFF 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 B8EDFF Background



This preview shows how black text looks on a background with the Hex color B8EDFF.

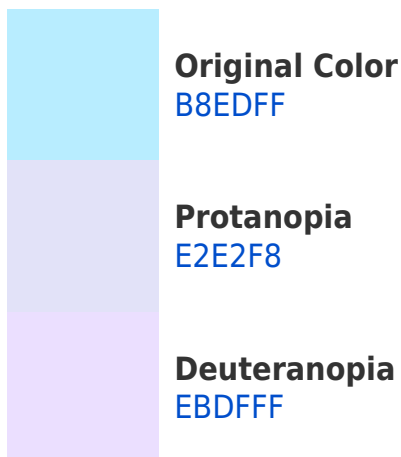


This preview shows how white text looks on a background with the Hex color B8EDFF.

# 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

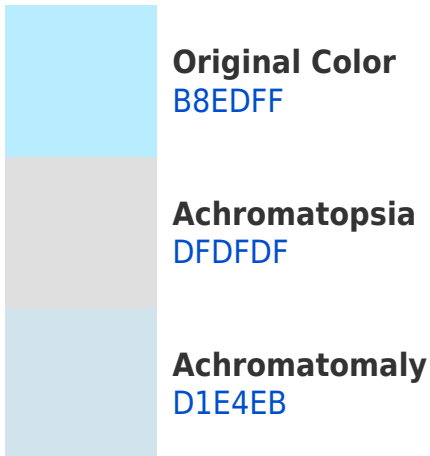




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8EDFF 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 #B8EDFF looks like.

```
.text, #text, p{  
    color:#B8EDFF  
}
```

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 #B8EDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8EDFF
}
```

## Border

The CSS property to change the border of an element to Hex B8EDFF 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
#B8EDFF }
```

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

```
.border{ border-color:#B8EDFF }
```

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

Here you see how a box with a 4 pixel #B8EDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8EDFF; -webkit-box-shadow:4px 4px  
4px 4px #B8EDFF; box-shadow:4px 4px 4px  
4px #B8EDFF }
```

# Background

The CSS property to change the background color of an element to Hex B8EDFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8EDFF }
```

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

```
.background{ background-color:#B8EDFF }
```

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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