

# Converting Colors

Hex(BCEFFF)

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

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# **Color**

**Hex(BCEFFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCEFFF
RGB	188, 239, 255
RGB Percent	74%, 94%, 100%
CMY	0.2627, 0.0627, 0.0000
CMYK	0.26, 0.06, 0.00, 0.00
HSL	194°, 100%, 87%
HSV	194°, 26%, 100%
XYZ	69.6555, 79.6444, 106.3094
YIQ	225.5750, -35.5320, -5.8360

# Conversions

## Conversions Part 2

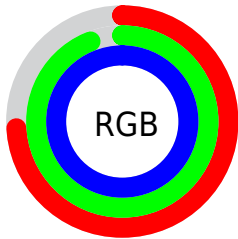
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 217, 255
Decimal	12382207
CIELab	91.53, -12.68, -13.02
CIELCh	92, 18.176, 225.769
Yxy	79.6444, 0.2725, 0.3116
Android (android.graphics.Color)	4290572287 (0xFFBCEFFF)
YUV	225.5750, 14.5065, -32.9533
Hunter-Lab	89.2437, -16.8555, -8.1572

# Details

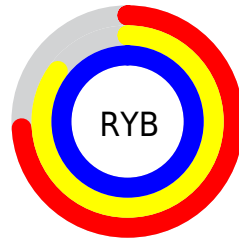
The Hex color **BCEFFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFCCBC**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **F5FFFF**, and **85B7C6** is the 20% darker color. If you saturate the color by 10%, you get **A3E9FF**, and if you desaturate by 10%, it is **D6F5FF**.

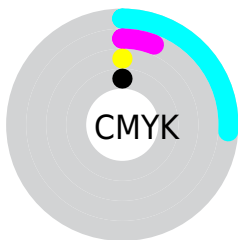
# Distribution



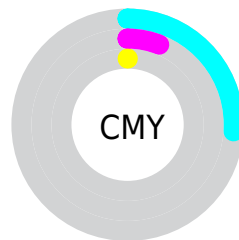
- Red (74%)
- Green (94%)
- Blue (100%)



- Red (74%)
- Yellow (85%)
- Blue (100%)



- Cyan (26%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (6%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 BCEFFF

 BCEFFF

FFFFFF

 A0D3E2

 F5FFFF

 85B7C6

 6B9CAB

 508290

 376977

 1B515E

 003A46

 002430

 000C1C

 BCEFFF

 BCEFFF

 A3E9FF

 D6F5FF

 89E3FF

 EFFBFF

 70DDFF

FFFFFF

 56D7FF

 3DD1FF

 23CAFF

 0AC4FF

 00C2FF

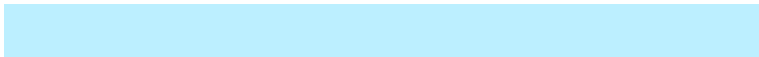
# Harmonies

## Analogous

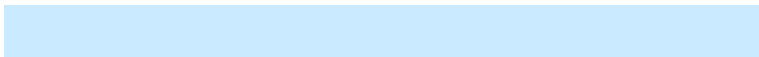
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BAF1EF



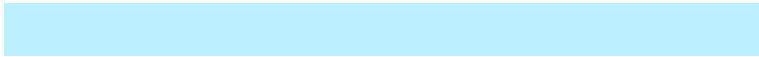
BCEFFF



CAEBFF

# Triad

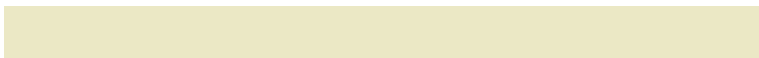
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BCEFFF



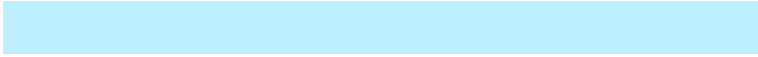
FFDCF0



EBE8C5

# Complementary

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



BCEFFF



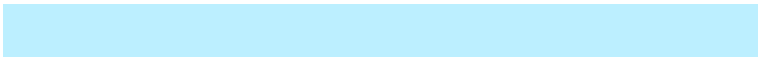
FFCCBC

# 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.



FDE3C5



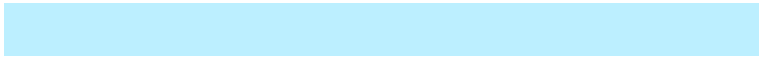
BCEFFF



FFDBDE

# Square

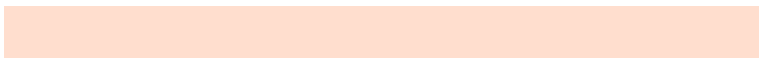
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



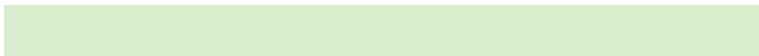
BCEFFF



F5DFFF



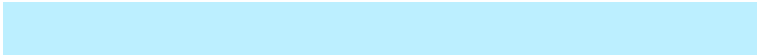
FFDECE



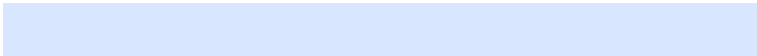
D7EDCE

# Rectangle

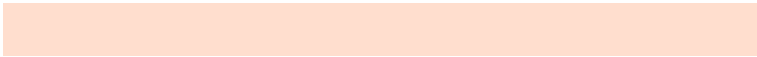
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



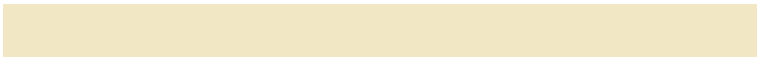
BCEFFF



D8E7FF



FFDECE

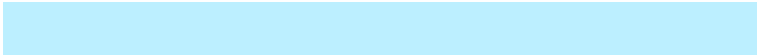


F1E7C4

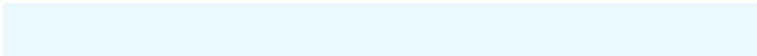


# Sweetspot

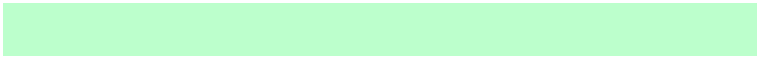
The Sweet Spot groups the original color and five complimentary colors.



BCEFFF



EBFAFF



BCFFCC



737C80



000000

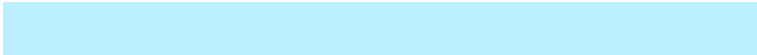


808080

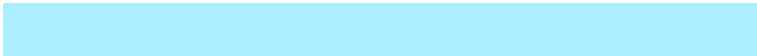


# Same Dimension

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



BCEFFF



ADECFE



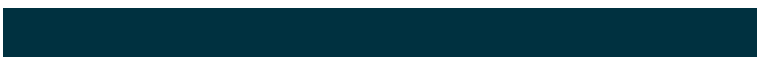
BCCEFF



737C80



0092BF



003140



# Inverse Universe

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



FFBCEF



FFADEC



FFEDBC



80737C



BF0092

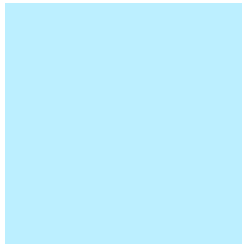


400031



# Previews

## White Background



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

## Color Contrast Check

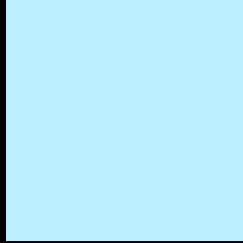
Large Text (above 18pt) WCAG AA × Fail

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 BCEFFF 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 BCEFFF Background



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

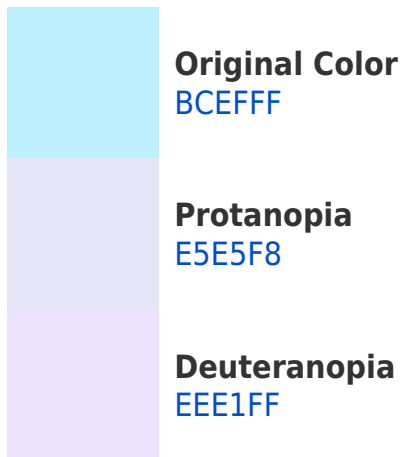


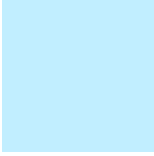
This preview shows how white text looks on a background with the Hex color BCEFFF.

# 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

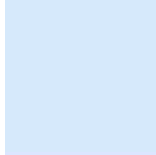




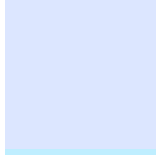
# Trichromacy



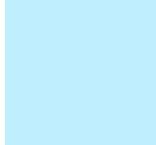
**Original Color**  
BCEFFF



**Protanomaly**  
D6E9FB

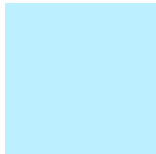


**Deuteranomaly**  
DCE6FF

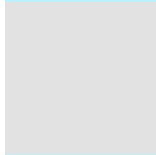


**Tritanomaly**  
BFEEFF

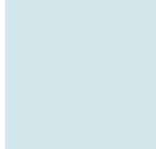
# Monochromacy



**Original Color**  
BCEFFF



**Achromatopsia**  
E2E2E2



**Achromatomaly**  
D4E7ED

# CSS Examples

## Text

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

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

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 #BCEFFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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