

# Converting Colors

Hex(BCEFEE)

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

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# **Color**

**Hex(BCEFEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCEFEF
RGB	188, 239, 238
RGB Percent	74%, 94%, 93%
CMY	0.2627, 0.0627, 0.0667
CMYK	0.21, 0.00, 0.00, 0.06
HSL	179°, 61%, 84%
HSV	179°, 21%, 94%
XYZ	67.0382, 78.5974, 92.5265
YIQ	223.6370, -30.0750, -11.1230

# Conversions

## Conversions Part 2

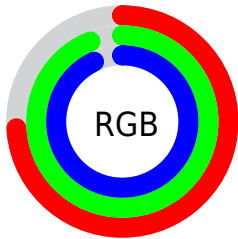
Format	Color
R <sub>Y</sub> B	188, 214, 239
Decimal	12382190
CIE Lab	91.05, -16.36, -4.87
CIE LCh	91, 17.065, 196.564
Yxy	78.5974, 0.2815, 0.3300
Android (android.graphics.Color)	4290572270 (0xFFBCEFE0)
YUV	223.6370, 7.0810, -31.2536
Hunter-Lab	88.6552, -20.1707, 0.1796

# Details

The Hex color **BCEFEE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EFBCBD**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **F5FFFF**, and **86B7B6** is the 20% darker color. If you saturate the color by 10%, you get **A4EFEE**, and if you desaturate by 10%, it is **D4EFEE**.

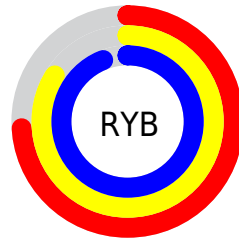
# Distribution



Red (74%)

Green (94%)

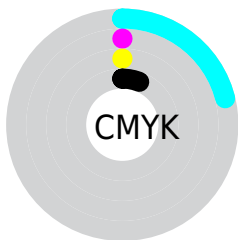
Blue (93%)



Red (74%)

Yellow (84%)

Blue (94%)

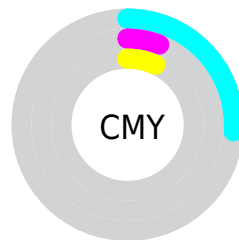


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (26%)

Magenta (6%)

Yellow (7%)

# Brightness & Saturation Gradients

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



 BCEFEE

FFFFFF

 F5FFFF

 BCEFEE

 A0D3D2


 86B7B6

 6B9C9B

 528281

 396968

 1F5050

 013939

 002324

 00080F

 BCEFEE

 BCEFEE

 A4EFEE

 D4EFEE

 8CEFED

 ECEFEF

 74EFED

 FFEFEF

 5CEFEC

 FFEFF0

 45EFEC

 FFEFF1

 2DEFEB

 FFEFF2

 15EFEB

 00EFEA

# Harmonies

## Analogous

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



C5EFDD



BCEFEE



BEEDFC

# Triad

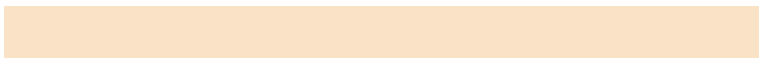
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BCEFEE



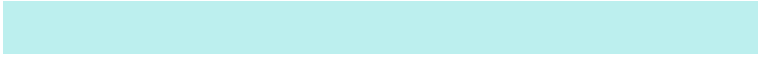
F3DEFC



FAE2C6

# Complementary

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



BCEFEE



EFBCBD

# 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.



FFDDCE



BCEFEE



FFDBED

# Square

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



BCEFEE



DFE4FF



FFDADD



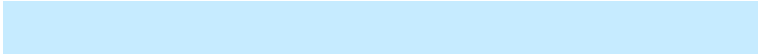
E9E7C6

# Rectangle

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



**BCEFEE**



**C6EBFF**



**FFDADD**



**FEE0C8**

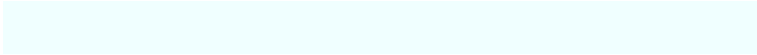


# Sweetspot

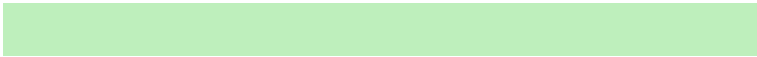
The Sweet Spot groups the original color and five complimentary colors.



BCEFEE



F0FFFF



BEEFBC



77807F



000000



808080

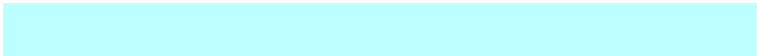


# Same Dimension

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



BCEFEE



BDFFFE



BCD7EF



6C7878



00B8B4



003837



# Inverse Universe

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



EFBCBD



FFBDBE



EFD4BC



786C6C



B80004

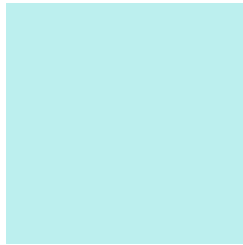


380001



# Previews

## White Background



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

## Color Contrast Check

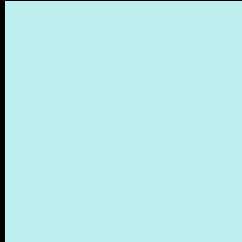
Large Text (above 18pt) WCAG AA × Fail

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 BCEFEE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

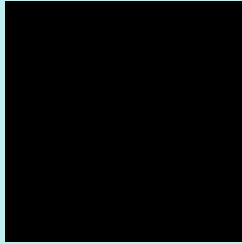
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCEFEE Background



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

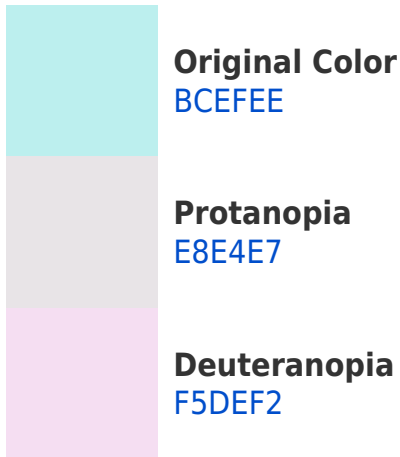


This preview shows how white text looks on a background with the Hex color BCEFEE.

# 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

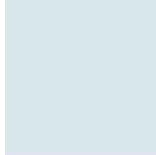




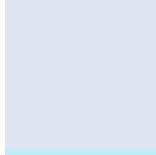
# Trichromacy



**Original Color**  
BCEFEE



**Protanomaly**  
D8E8EA



**Deuteranomaly**  
E0E4F1

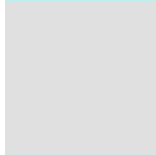


**Tritanomaly**  
BFEDF9

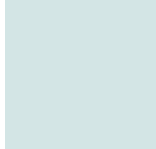
# Monochromacy



**Original Color**  
BCEFEE



**Achromatopsia**  
E0E0E0



**Achromatomaly**  
D3E5E5

# CSS Examples

## Text

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

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

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 #BCEFEE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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