

# Converting Colors

Hex(BBE6FD)

Have a look what the booklet for  
Hex(BBE6FD) contains.

<b>Hex(BBE6FD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(BBE6FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBE6FD
RGB	187, 230, 253
RGB Percent	73%, 90%, 99%
CMY	0.2667, 0.0980, 0.0078
CMYK	0.26, 0.09, 0.00, 0.01
HSL	201°, 94%, 86%
HSV	201°, 26%, 99%
XYZ	66.5200, 74.2503, 103.7543
YIQ	219.7650, -33.0110, -1.9630

# Conversions

## Conversions Part 2

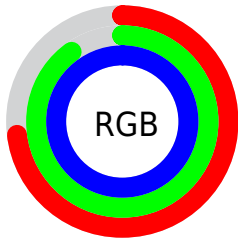
Format	Color
R <sub>YB</sub>	187, 213, 253
Decimal	12314365
CIE Lab	89.04, -8.84, -15.70
CIE LCh	89, 18.021, 240.630
Yxy	74.2503, 0.2720, 0.3037
Android (android.graphics.Color)	4290504445 (0xFFBBE6FD)
YUV	219.7650, 16.3849, -28.7349
Hunter-Lab	86.1686, -12.9976, -11.0721

# Details

The Hex color **BBE6FD** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FDD2BB**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **F4FFFF**, and **84AFC4** is the 20% darker color. If you saturate the color by 10%, you get **A2DDFD**, and if you desaturate by 10%, it is **D4EFFD**.

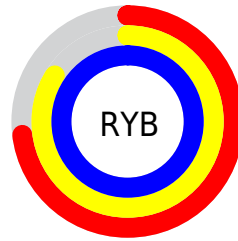
# Distribution



Red (73%)

Green (90%)

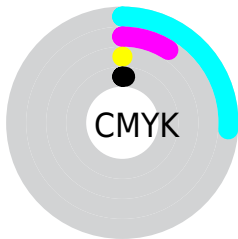
Blue (99%)



Red (73%)

Yellow (84%)

Blue (99%)

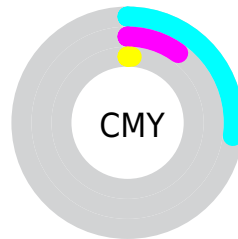


Cyan (26%)

Magenta (9%)

Yellow (0%)

Black (1%)



Cyan (27%)

Magenta (10%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBE6FD 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 BBE6FD by changing the saturation by 10% instead.



 BBE6FD

 BBE6FD

FFFFFF

 9FCAE0

 F4FFFF

 84AFC4

 6A94A9

 507A8F

 376175

 1C495C

 003345

 001E2E

 00011A

 BBE6FD

 BBE6FD

 A2DDFD

 D4EFFD

 88D4FD

 EEF8FD

 6FCCFD

FFFFFFD

 56C3FD

 3CBAFD

 23B1FD

 0AA8FD

 00A5FD

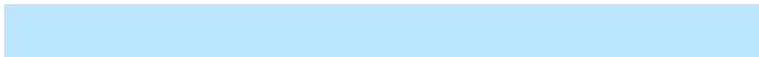
# Harmonies

## Analogous

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



B3E9F0



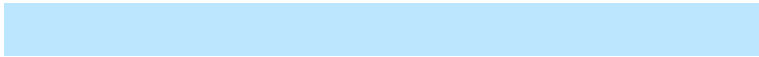
BBE6FD



CDE1FF

# Triad

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



BBE6FD



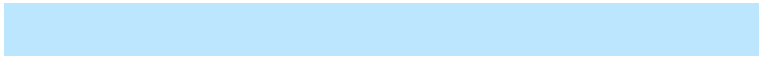
FFD4E0



DAE4C2

# Complementary

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



BBE6FD



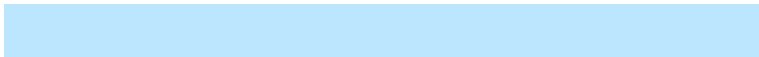
FDD2BB

# 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.



EDDFBD



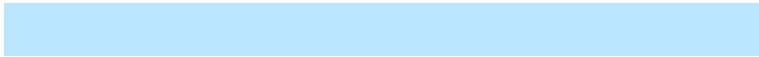
BBE6FD



FFD5CF

# Square

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



BBE6FD



F7D6F1



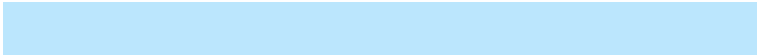
FCD9C2



C7E8CE

# Rectangle

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



BBE6FD



DCDDFF



FCD9C2

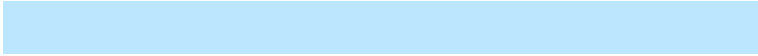


E1E2BF

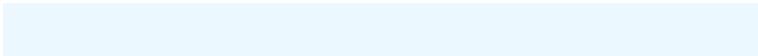


# Sweetspot

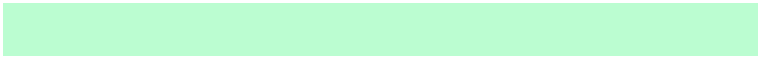
The Sweet Spot groups the original color and five complimentary colors.



BBE6FD



EBF8FF



BBFDD1



737B80



000000

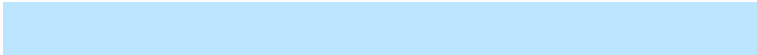


808080

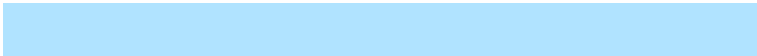


# Same Dimension

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



BBE6FD



B0E3FF



BBC6FD



737B80



007DBF



002A40



# Inverse Universe

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



FDBBE6



FFB0E3



FDF2BB



80737B



BF007D

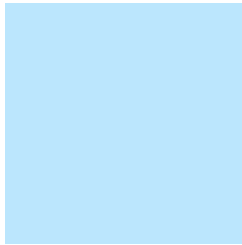


40002A



# Previews

## White Background



This preview shows how the Hex color BBE6FD looks on a white background.

## Color Contrast Check

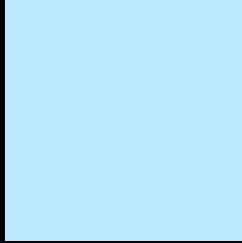
Large Text (above 18pt) WCAG AA × Fail

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 BBE6FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

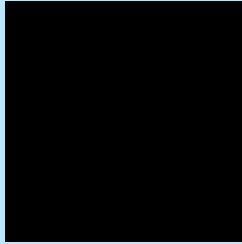
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

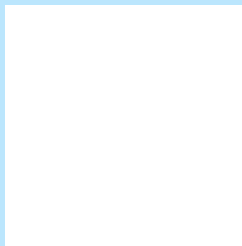
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBE6FD Background



This preview shows how black text looks on a background with the Hex color BBE6FD.

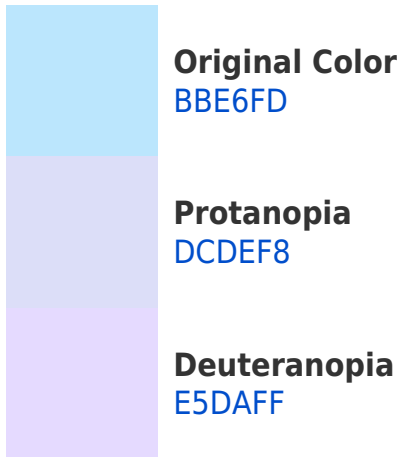


This preview shows how white text looks on a background with the Hex color BBE6FD.

# 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



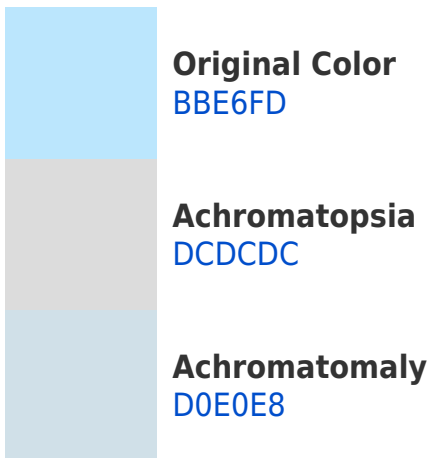


**Tritanopia**  
BAE7F9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBE6FD 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 #BBE6FD looks like.

```
.text, #text, p{  
    color:#BBE6FD  
}
```

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 #BBE6FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBE6FD
}
```

## Border

The CSS property to change the border of an element to Hex BBE6FD 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
#BBE6FD }
```

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

```
.border{ border-color:#BBE6FD }
```

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

Here you see how a box with a 4 pixel #BBE6FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBE6FD; -webkit-box-shadow:4px 4px  
4px 4px #BBE6FD; box-shadow:4px 4px 4px  
4px #BBE6FD }
```

# Background

The CSS property to change the background color of an element to Hex BBE6FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBE6FD }
```

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

```
.background{ background-color:#BBE6FD }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor