

# Converting Colors

Hex(BFDCF5)

Have a look what the booklet for  
Hex(BFDCF5) contains.

<b>Hex(BFDCF5)</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(BFDCF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFDCF5
RGB	191, 220, 245
RGB Percent	75%, 86%, 96%
CMY	0.2510, 0.1373, 0.0392
CMYK	0.22, 0.10, 0.00, 0.04
HSL	208°, 73%, 85%
HSV	208°, 22%, 96%
XYZ	63.5605, 68.8553, 96.3266
YIQ	214.1790, -25.3090, 1.6270

# Conversions

## Conversions Part 2

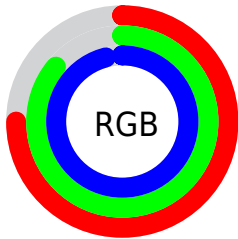
Format	Color
R <sub>Y</sub> B	191, 210, 245
Decimal	12573941
CIE Lab	86.43, -4.28, -15.39
CIE LCh	86, 15.972, 254.460
Yxy	68.8553, 0.2779, 0.3010
Android (android.graphics.Color)	4290764021 (0xFFBFD5F5)
YUV	214.1790, 15.1948, -20.3280
Hunter-Lab	82.9791, -8.4857, -10.7416

# Details

The Hex color **BFDCF5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F5D8BF**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **F8FFFF**, and **89A5BD** is the 20% darker color. If you saturate the color by 10%, you get **A6D1F5**, and if you desaturate by 10%, it is **D8E7F5**.

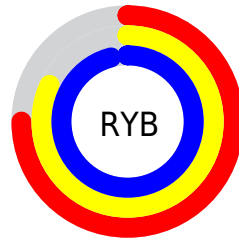
# Distribution



Red (75%)

Green (86%)

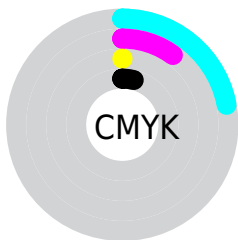
Blue (96%)



Red (75%)

Yellow (82%)

Blue (96%)

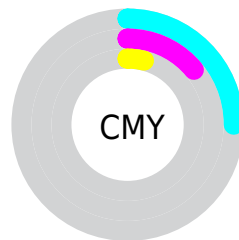


Cyan (22%)

Magenta (10%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (14%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFDCF5 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 BFDCF5 by changing the saturation by 10% instead.



 BFDCF5

 BFDCF5

FFFFFF

 A4C0D9

 F8FFFF

 89A5BD

 6F8BA2

 557187

 3D596E

 254256

 0A2C3E

 001728

 000114

 BFDCF5

 BFDCF5

 A6D1F5

 D8E7F5

 8EC5F5

 F0F3F5

 76BAF5

 FFFE5

 5DAFF5

 FFFF5

 44A3F5

 2C98F5

 138DF5

 0084F5

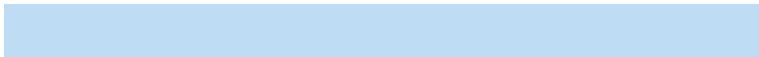
# Harmonies

## Analogous

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



B3E0ED



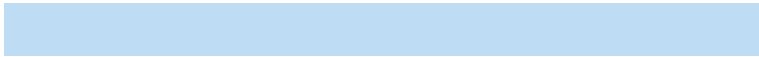
BFDCF5



D1D7F5

# Triad

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



BFDCF5



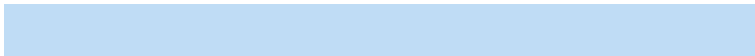
F9CED1



CBDEC2

# Complementary

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



BFDCF5



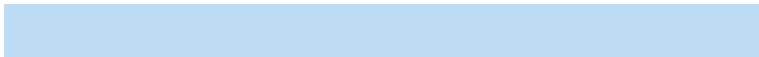
F5D8BF

# 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.



DDDABB



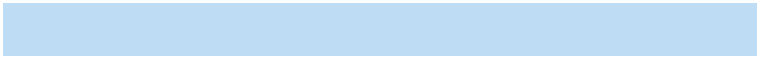
BFDCF5



F6D0C4

# Square

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



BFDCF5



F2CFE1



ECD5BB



BCE1D0

# Rectangle

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



BFDCF5



DED4F1



ECD5BB



D1DDBF

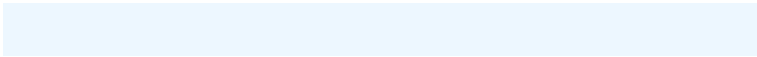


# Sweetspot

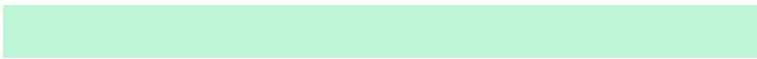
The Sweet Spot groups the original color and five complimentary colors.



**BFDCF5**



**EDF7FF**



**BFF5D7**



**757B80**



**000000**



**808080**

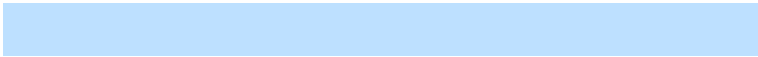


# Same Dimension

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



BFDCF5



BDE0FF



BFC2F5



6E757A



0064BA



001F3B



# Inverse Universe

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



F5BFDC



FFBDE0



F5F2BF



7A6E75



BA0064

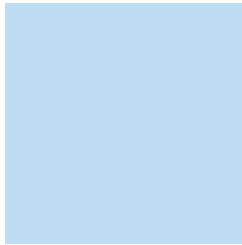


3B001F



# Previews

## White Background



This preview shows how the Hex color BFDCF5 looks on a white background.

## Color Contrast Check

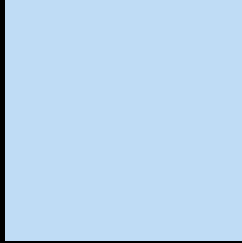
Large Text (above 18pt) WCAG AA × Fail

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 BFDCF5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

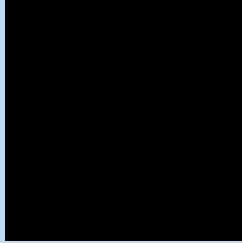
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

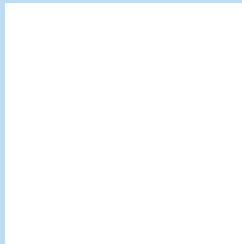
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BFDCF5 Background



This preview shows how black text looks on a background with the Hex color BFDCF5.

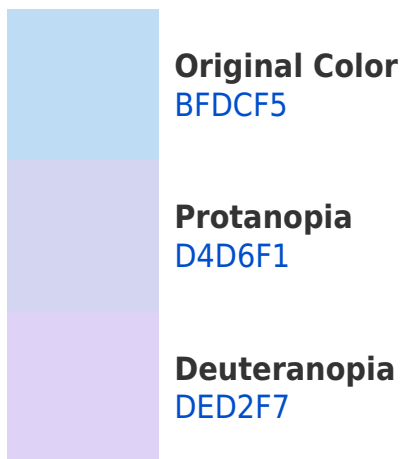


This preview shows how white text looks on a background with the Hex color BFDCF5.

# Color Blindness Simulation

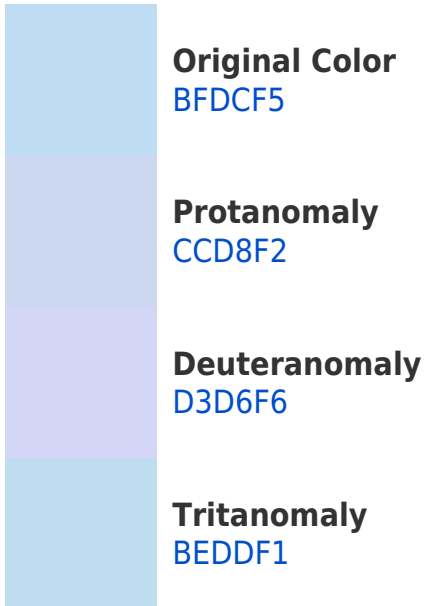
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

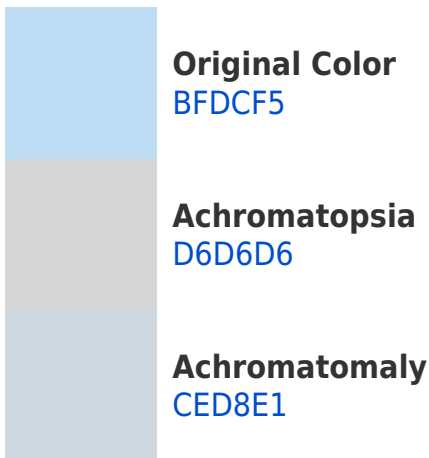




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFDCF5 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 #BFDCF5 looks like.

```
.text, #text, p{  
    color:#BFDCF5  
}
```

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 #BFDCF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFDCF5 }  
}
```

## Border

The CSS property to change the border of an element to Hex BFDCF5 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 #BFDCF5 }  
}
```

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

```
.border{ border-color:#BFDCF5 }
```

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

Here you see how a box with a 4 pixel #BFDCF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFDCF5; -webkit-box-shadow:4px 4px  
4px 4px #BFDCF5; box-shadow:4px 4px 4px  
4px #BFDCF5 }
```

# Background

The CSS property to change the background color of an element to Hex BFDCF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFDCF5 }
```

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

```
.background{ background-color:#BFDCF5 }
```

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