

# Converting Colors

Hex(BDEBF6)

Have a look what the booklet for  
Hex(BDEBF6) contains.

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# **Color**

**Hex(BDEBF6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDEBF6
RGB	189, 235, 246
RGB Percent	74%, 92%, 96%
CMY	0.2588, 0.0784, 0.0353
CMYK	0.23, 0.04, 0.00, 0.04
HSL	192°, 76%, 85%
HSV	192°, 23%, 96%
XYZ	67.3291, 76.8893, 98.4813
YIQ	222.5000, -30.9470, -6.3310

# Conversions

## Conversions Part 2

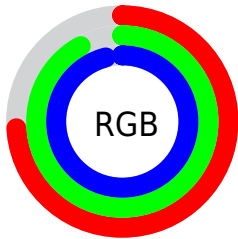
Format	Color
<a href="#">RYB</a>	<a href="#">189, 214, 246</a>
Decimal	<a href="#">12446710</a>
CIELab	<a href="#">90.27, -12.35, -10.19</a>
CIElCh	<a href="#">90, 16.010, 219.537</a>
Yxy	<a href="#">76.8893, 0.2774, 0.3168</a>
Android (android.graphics.Color)	<a href="#">4290636790 (0xFFBDEBF6)</a>
YUV	<a href="#">222.5000, 11.5855, -29.3795</a>
Hunter-Lab	<a href="#">87.6865, -16.3922, -5.2084</a>

# Details

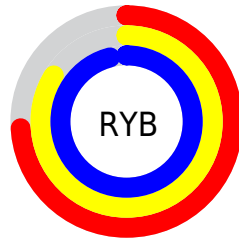
The Hex color **BDEBF6** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F6C8BD**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **F6FFFF**, and **86B3BE** is the 20% darker color. If you saturate the color by 10%, you get **A4E6F6**, and if you desaturate by 10%, it is **D6F0F6**.

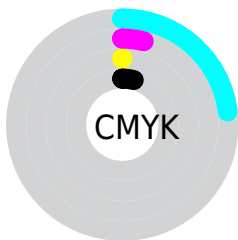
# Distribution



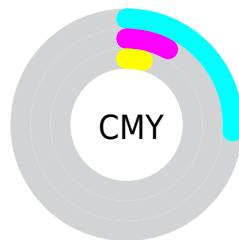
- Red (74%)
- Green (92%)
- Blue (96%)



- Red (74%)
- Yellow (84%)
- Blue (96%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (26%)
- Magenta (8%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDEBF6 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 BDEBF6 by changing the saturation by 10% instead.



 BDEBF6

FFFFFF

 F6FFFF

 BDEBF6

 A1CFDA

 86B3BE

 6C98A3

 537E88

 39656F

 204D57

 02363F

 002129

 000316

 BDEBF6

 BDEBF6

 A4E6F6

 D6F0F6

 8CE2F6

 EE4F6

 73DDF6

 FFF9F6

 5BD8F6

 FFFE6

 42D3F6

 FFFF6

 29CFF6

 11CAF6

 00C7F6

# Harmonies

## Analogous

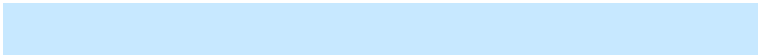
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BEECE8



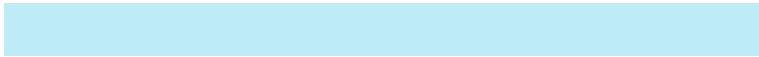
BDEBF6



C7E8FF

# Triad

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



BDEBF6



FCDAEE



EBE4C5

# Complementary

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



BDEBF6



F6C8BD

# 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.



F9DFC7



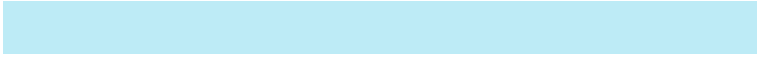
BDEBF6



FFD9DF

# Square

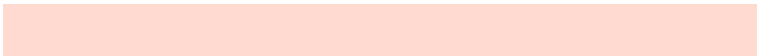
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BDEBF6



ECDEFB



FFDAD0



D9E8CB

# Rectangle

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



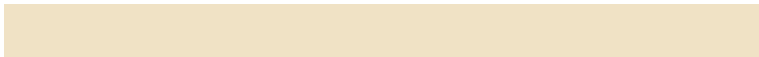
BDEBF6



D2E4FF



FFDAD0

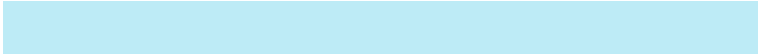


F0E2C5

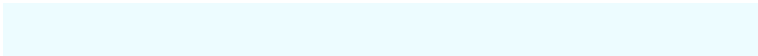


# Sweetspot

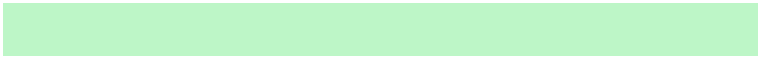
The Sweet Spot groups the original color and five complimentary colors.



BDEBF6



EDFCFF



BDF6C7



757E80



000000

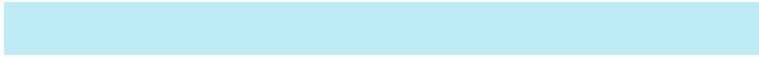


808080

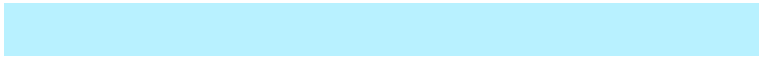


# Same Dimension

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



BDEBF6



B8F1FF



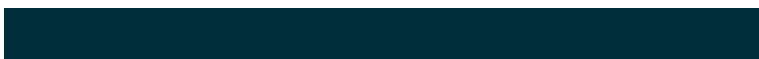
BDCFF6



6E787A



0096BA



002F3B



# Inverse Universe

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



F6BDEB



FFB8F1



F6E4BD



7A6E78



BA0096

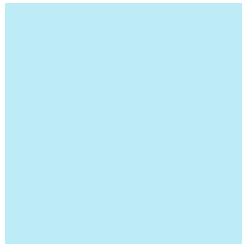


3B002F



# Previews

## White Background



This preview shows how the Hex color BDEBF6 looks on a white background.

## Color Contrast Check

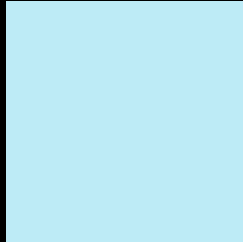
Large Text (above 18pt) WCAG AA × Fail

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 BDEBF6 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 BDEBF6 Background



This preview shows how black text looks on a background with the Hex color BDEBF6.

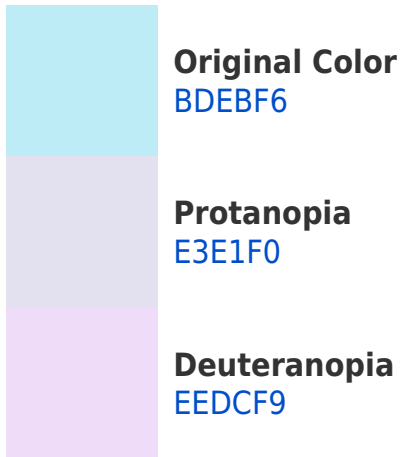


This preview shows how white text looks on a background with the Hex color BDEBF6.

# Color Blindness Simulation

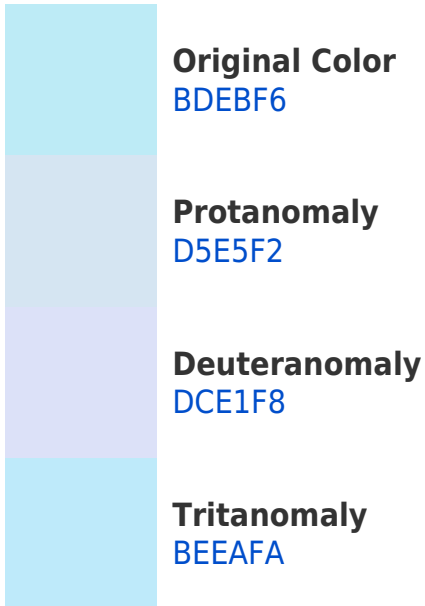
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

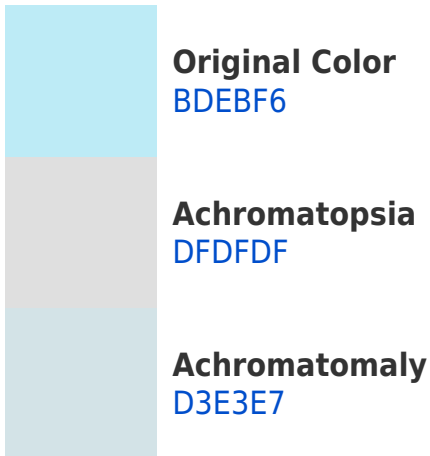




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDEBF6 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 #BDEBF6 looks like.

```
.text, #text, p{  
    color:#BDEBF6  
}
```

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 #BDEBF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDEBF6  
}
```

## Border

The CSS property to change the border of an element to Hex BDEBF6 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  
#BDEBF6 }
```

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

```
.border{ border-color:#BDEBF6 }
```

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

Here you see how a box with a 4 pixel #BDEBF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDEBF6; -webkit-box-shadow:4px 4px  
4px 4px #BDEBF6; box-shadow:4px 4px 4px  
4px #BDEBF6 }
```

# Background

The CSS property to change the background color of an element to Hex BDEBF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDEBF6 }
```

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

```
.background{ background-color:#BDEBF6 }
```

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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