

Converting Colors

Hex(BDEBF9)

Have a look what the booklet for
Hex(BDEBF9) contains.

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Color

Hex(BDEBF9)

Conversions

Conversions Part 1

Format	Color
Hex	BDEBF9
RGB	189, 235, 249
RGB Percent	74%, 92%, 98%
CMY	0.2588, 0.0784, 0.0235
CMYK	0.24, 0.06, 0.00, 0.02
HSL	194°, 83%, 86%
HSV	194°, 24%, 98%
XYZ	67.7935, 77.0750, 100.9264
YIQ	222.8420, -31.9100, -5.3980

Conversions

Conversions Part 2

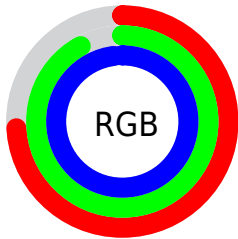
Format	Color
RYB	189, 215, 249
Decimal	12446713
CIELab	90.36, -11.69, -11.63
CIELCh	90, 16.494, 224.849
Yxy	77.0750, 0.2758, 0.3136
Android (android.graphics.Color)	4290636793 (0xFFBDEBF9)
YUV	222.8420, 12.8959, -29.6794
Hunter-Lab	87.7924, -15.7986, -6.7053

Details

The Hex color **BDEBF9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F9CBBB**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **F6FFFF**, and **86B3C1** is the 20% darker color. If you saturate the color by 10%, you get **A4E5F9**, and if you desaturate by 10%, it is **D6F1F9**.

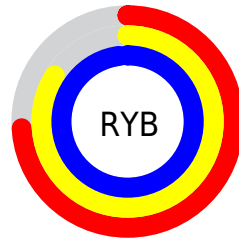
Distribution



Red (74%)

Green (92%)

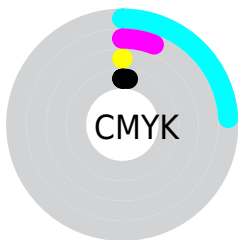
Blue (98%)



Red (74%)

Yellow (84%)

Blue (98%)

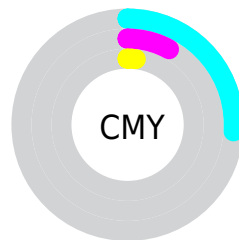


Cyan (24%)

Magenta (6%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (8%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDEBF9 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 BDEBF9 by changing the saturation by 10% instead.

 BDEBF9

FFFFFF

 F6FFFF

 BDEBF9

 A1CFDC

 86B3C1

 6C98A5

 527E8B

 396572

 1F4D59

 003742

 00212C

 000418

 BDEBF9

 BDEBF9

 A4E5F9

 D6F1F9

 8BDFF9

 EFF7F9

 72DAF9

 FFFCF9

 59D4F9

 FFFFF9

 41CEF9

 28C8F9

 0FC2F9

 00BFF9

Harmonies

Analogous

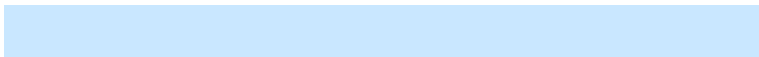
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BCEDEB



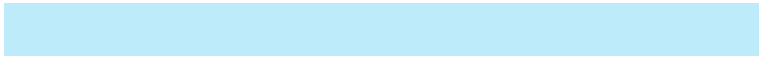
BDEBF9



C9E7FF

Triad

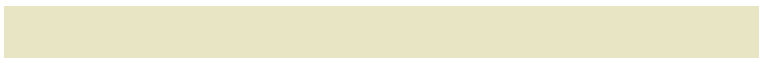
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BDEBF9



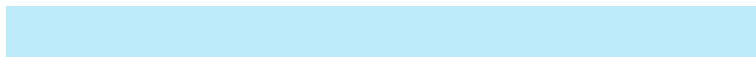
FFD9EC



E8E5C5

Complementary

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



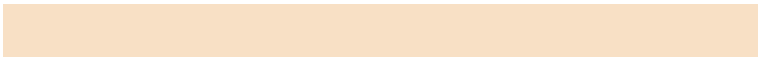
BDEBF9



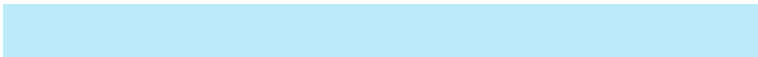
F9CBBD

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.



F8E0C5



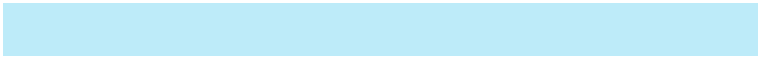
BDEBF9



FFD9DC

Square

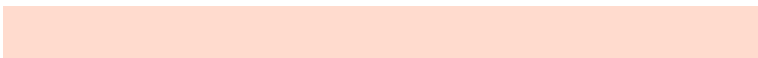
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BDEBF9



F0DDFA



FFDBCE



D6E9CD

Rectangle

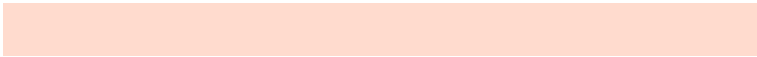
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



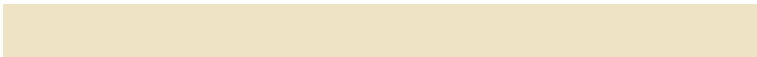
BDEBF9



D6E4FF



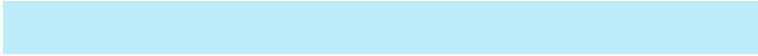
FFDBCE



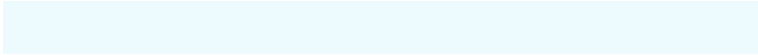
EEE3C4

Sweetspot

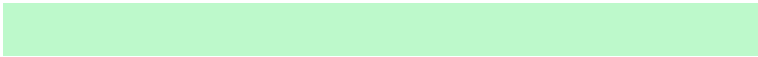
The Sweet Spot groups the original color and five complimentary colors.



BDEBF9



EDFBFF



BDF9CB



757D80



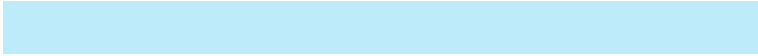
000000



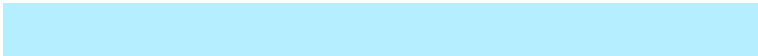
808080

Same Dimension

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



BDEBF9



B5EEFF



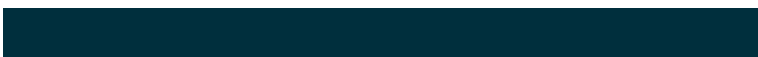
BDCDF9



707A7D



0091BD



002F3D

Inverse Universe

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



F9BDEB



FFB5EE



F9E9BD



7D707A



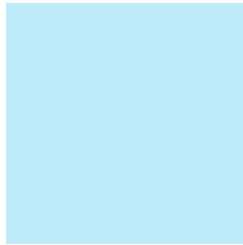
BD0091



3D002F

Previews

White Background



This preview shows how the Hex color BDEBF9 looks on a white background.

Color Contrast Check

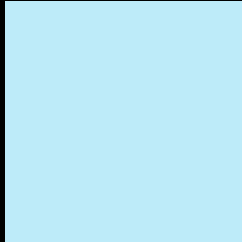
Large Text (above 18pt) WCAG AA × Fail

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 BDEBF9 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 BDEBF9 Background



This preview shows how black text looks on a background with the Hex color BDEBF9.

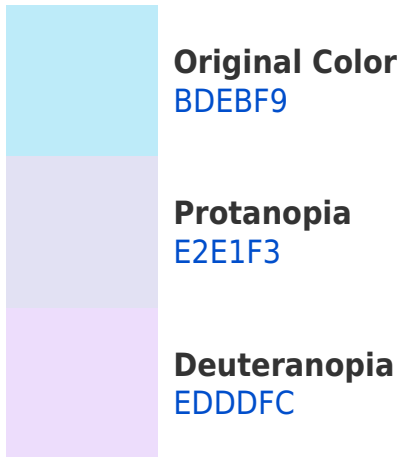


This preview shows how white text looks on a background with the Hex color BDEBF9.

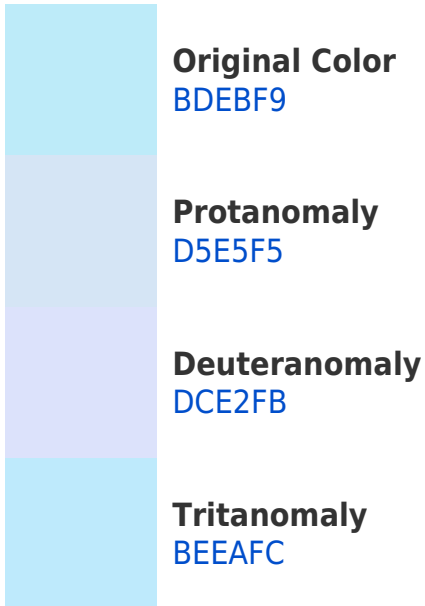
Color Blindness Simulation

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](#).

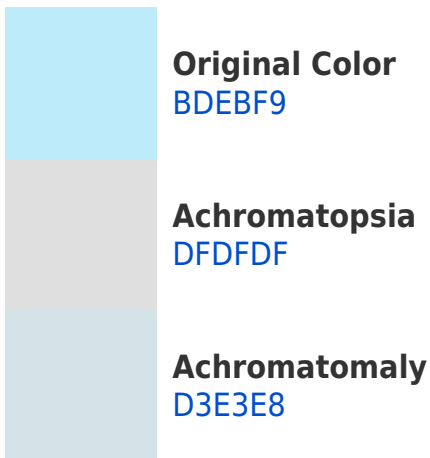
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDEBF9 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 #BDEBF9 looks like.

```
.text, #text, p{  
    color:#BDEBF9  
}
```

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 #BDEBF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDEBF9
}
```

Border

The CSS property to change the border of an element to Hex BDEBF9 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
#BDEBF9 }
```

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

```
.border{ border-color:#BDEBF9 }
```

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

Here you see how a box with a 4 pixel #BDEBF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDEBF9; -webkit-box-shadow:4px 4px  
4px 4px #BDEBF9; box-shadow:4px 4px 4px  
4px #BDEBF9 }
```

Background

The CSS property to change the background color of an element to Hex BDEBF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDEBF9 }
```

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

```
.background{ background-color:#BDEBF9 }
```

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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