

Converting Colors

Hex(B9DEF0)

Have a look what the booklet for
Hex(B9DEF0) contains.

Hex(B9DEF0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B9DEF0)

Conversions

Conversions Part 1

Format	Color
Hex	B9DEF0
RGB	185, 222, 240
RGB Percent	73%, 87%, 94%
CMY	0.2745, 0.1294, 0.0588
CMYK	0.23, 0.07, 0.00, 0.06
HSL	200°, 65%, 83%
HSV	200°, 23%, 94%
XYZ	61.8570, 68.8481, 92.4669
YIQ	212.9890, -27.8300, -2.2460

Conversions

Conversions Part 2

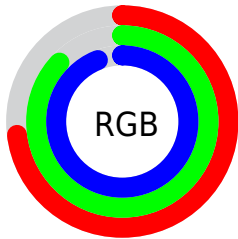
Format	Color
R _Y B	185, 207, 240
Decimal	12181232
CIE Lab	86.43, -8.21, -12.80
CIE LCh	86, 15.200, 237.329
Yxy	68.8481, 0.2772, 0.3085
Android (android.graphics.Color)	4290371312 (0xFFB9DEF0)
YUV	212.9890, 13.3164, -24.5464
Hunter-Lab	82.9748, -12.1355, -7.9903

Details

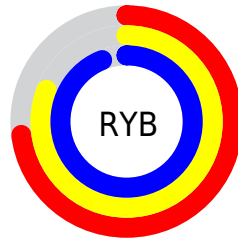
The Hex color **B9DEF0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F0CBB9**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **F2FFFF**, and **83A7B8** is the 20% darker color. If you saturate the color by 10%, you get **A1D6F0**, and if you desaturate by 10%, it is **D1E6F0**.

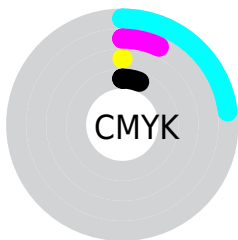
Distribution



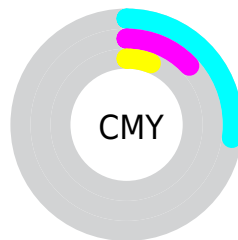
- Red (73%)
- Green (87%)
- Blue (94%)



- Red (73%)
- Yellow (81%)
- Blue (94%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (27%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9DEF0 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 B9DEF0 by changing the saturation by 10% instead.

 B9DEF0

FFFFFF

 F2FFFF

 B9DEF0

 9EC2D4

 83A7B8

 698D9D

 507383

 375A6A

 1E4352

 022D3B

 001925

 00010F

 B9DEF0

 B9DEF0

 A1D6F0

 D1E6F0

 89CEF0

 E9EEF0

 71C6F0

 FFF6F0

 59BFF0

 FFFDF0

 41B7F0

 FFFFF0

 29AFF0

 11A7F0

 00A1F0

Harmonies

Analogous

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



B4E0E5



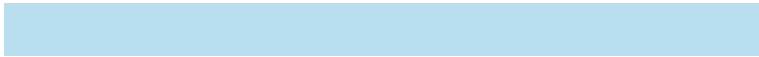
B9DEF0



C7DAF5

Triad

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



B9DEF0



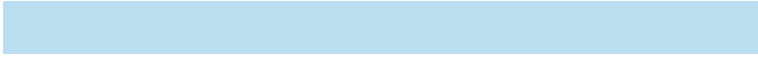
F5CFDA



D5DBBF

Complementary

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



B9DEF0



F0CBB9

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.



E5D7BC



B9DEF0



F7CFCC

Square

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



B9DEF0



EAD1E8



F2D2C1



C5DFC8

Rectangle

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



B9DEF0



D3D7F4



F2D2C1



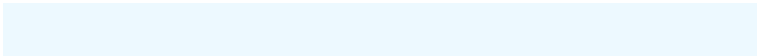
DBDABD

Sweetspot

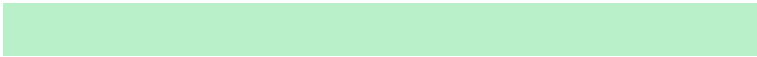
The Sweet Spot groups the original color and five complimentary colors.



B9DEF0



EDF9FF



B9F0CA



757C80



000000



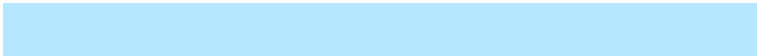
808080

Same Dimension

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



B9DEF0



B8E8FF



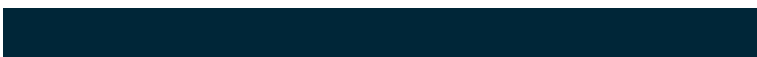
B9C3F0



6C7478



007CB8



002638

Inverse Universe

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



F0B9DE



FFB8E8



F0E6B9



786C74



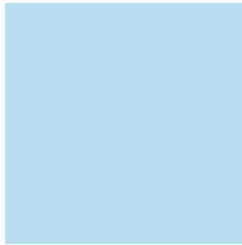
B8007C



380026

Previews

White Background



This preview shows how the Hex color B9DEF0 looks on a white background.

Color Contrast Check

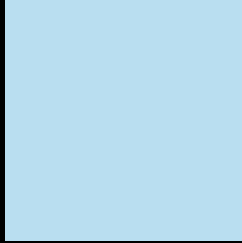
Large Text (above 18pt) WCAG AA × Fail

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 B9DEF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

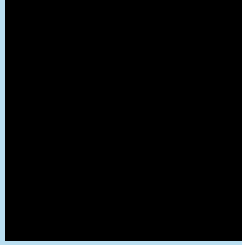
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

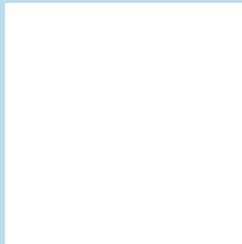
Any Text WCAG AAA ✓ Pass

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

Hex B9DEF0 Background



This preview shows how black text looks on a background with the Hex color B9DEF0.



This preview shows how white text looks on a background with the Hex color B9DEF0.

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](#).

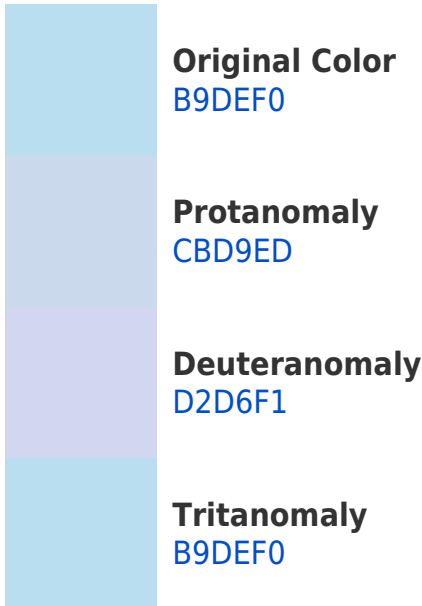
Dichromacy



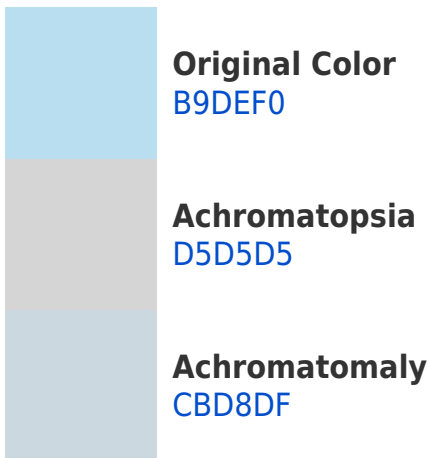


Tritanopia
B9DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9DEF0 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 #B9DEF0 looks like.

```
.text, #text, p{  
    color:#B9DEF0  
}
```

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 #B9DEF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9DEF0
}
```

Border

The CSS property to change the border of an element to Hex B9DEF0 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
#B9DEF0 }
```

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

```
.border{ border-color:#B9DEF0 }
```

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

Here you see how a box with a 4 pixel #B9DEF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9DEF0; -webkit-box-shadow:4px 4px  
4px 4px #B9DEF0; box-shadow:4px 4px 4px  
4px #B9DEF0 }
```

Background

The CSS property to change the background color of an element to Hex B9DEF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9DEF0 }
```

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

```
.background{ background-color:#B9DEF0 }
```

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