

Converting Colors

Hex(B1DFF1)

Have a look what the booklet for
Hex(B1DFF1) contains.

Hex(B1DFF1)	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(B1DFF1)

Conversions

Conversions Part 1

Format	Color
Hex	B1DFF1
RGB	177, 223, 241
RGB Percent	69%, 87%, 95%
CMY	0.3059, 0.1255, 0.0549
CMYK	0.27, 0.07, 0.00, 0.05
HSL	197°, 70%, 82%
HSV	197°, 27%, 95%
XYZ	60.3963, 68.4733, 93.2525
YIQ	211.2980, -33.1940, -4.1540

Conversions

Conversions Part 2

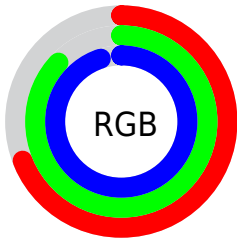
Format	Color
R_{YB}	177, 204, 241
Decimal	11657201
CIE Lab	86.24, -10.84, -13.65
CIE LCh	86, 17.432, 231.547
Yxy	68.4733, 0.2719, 0.3083
Android (android.graphics.Color)	4289847281 (0xFFB1DFF1)
YUV	211.2980, 14.6431, -30.0793
Hunter-Lab	82.7486, -14.5270, -8.8921

Details

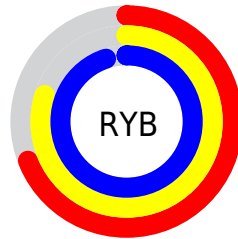
The Hex color **B1DFF1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F1C3B1**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **EAEFFF**, and **7BA8B9** is the 20% darker color. If you saturate the color by 10%, you get **99D8F1**, and if you desaturate by 10%, it is **C9E6F1**.

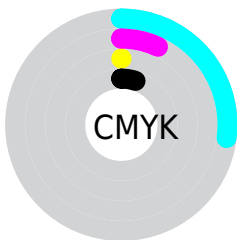
Distribution



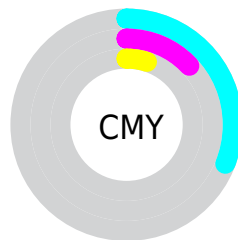
- Red (69%)
- Green (87%)
- Blue (95%)



- Red (69%)
- Yellow (80%)
- Blue (95%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (31%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1DFF1 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 B1DFF1 by changing the saturation by 10% instead.

 B1DFF1

 B1DFF1

FFFFFF

 96C3D5


 EAFFFF

 7BA8B9

 618D9E

 477484

 2D5B6B

 114452

 002D3B

 001926

 000110

 B1DFF1

 B1DFF1

 99D8F1

 C9E6F1

 81D1F1

 E1EDF1

 69CBF1

 F9F3F1

 51C4F1

 FFFAF1

 38BDF1

 FFFFF1

 20B6F1

 08B0F1

 00ADF1

Harmonies

Analogous

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



ADE1E3



B1DFF1



C0DBF8

Triad

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



B1DFF1



F6CDDD



D8DAB9

Complementary

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



B1DFF1



F1C3B1

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.



EAD5B7



B1DFF1



FBCDCC

Square

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



B1DFF1



E9D0EC



F6D0BF



C5DFC3

Rectangle

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



B1DFF1



CED7F8



F6D0BF



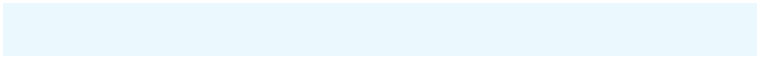
DED9B7

Sweetspot

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



B1DFF1



EBF9FF



B1F1C2



737C80



000000



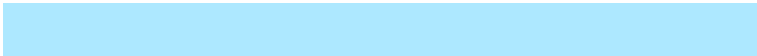
808080

Same Dimension

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



B1DFF1



ADE8FF



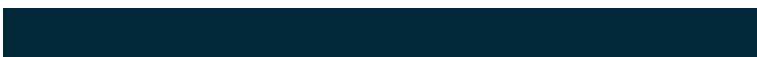
B1C0F1



6C7478



0084B8



002838

Inverse Universe

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



F1B1DF



FFADE8



F1E2B1



786C74



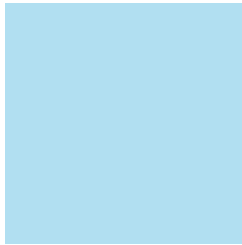
B80084



380028

Previews

White Background



This preview shows how the Hex color B1DFF1 looks on a white background.

Color Contrast Check

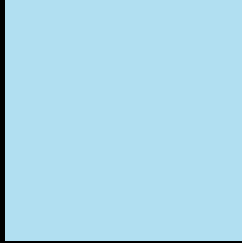
Large Text (above 18pt) WCAG AA × Fail

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 B1DFF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

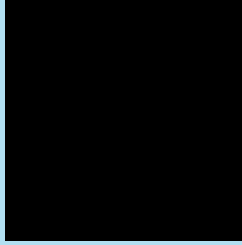
Any Text WCAG AA ✓ Pass

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 B1DFF1 Background



This preview shows how black text looks on a background with the Hex color B1DFF1.

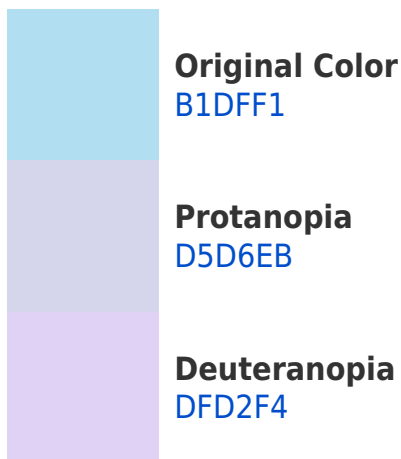


This preview shows how white text looks on a background with the Hex color B1DFF1.

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](#).

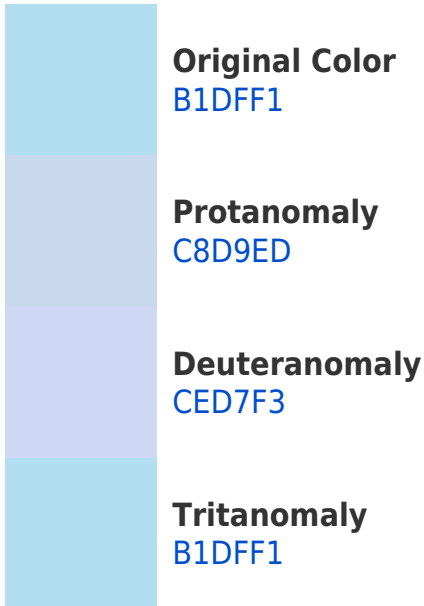
Dichromacy



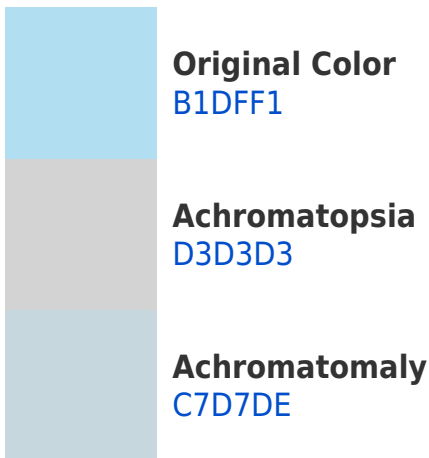


Tritanopia
B1DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1DFF1 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 #B1DFF1 looks like.

```
.text, #text, p{  
    color:#B1DFF1  
}
```

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 #B1DFF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1DFF1  
}
```

Border

The CSS property to change the border of an element to Hex B1DFF1 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  
#B1DFF1 }
```

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

```
.border{ border-color:#B1DFF1 }
```

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

Here you see how a box with a 4 pixel #B1DFF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1DFF1; -webkit-box-shadow:4px 4px  
4px 4px #B1DFF1; box-shadow:4px 4px 4px  
4px #B1DFF1 }
```

Background

The CSS property to change the background color of an element to Hex B1DFF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1DFF1 }
```

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

```
.background{ background-color:#B1DFF1 }
```

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