

Converting Colors

Hex(B1DEFE)

Have a look what the booklet for
Hex(B1DEFE) contains.

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Color

Hex(B1DEFE)

Conversions

Conversions Part 1

Format	Color
Hex	B1DEFE
RGB	177, 222, 254
RGB Percent	69%, 87%, 100%
CMY	0.3059, 0.1294, 0.0039
CMYK	0.30, 0.13, 0.00, 0.00
HSL	205°, 97%, 85%
HSV	205°, 30%, 100%
XYZ	62.1421, 68.7454, 103.7599
YIQ	212.1930, -37.0920, 0.4120

Conversions

Conversions Part 2

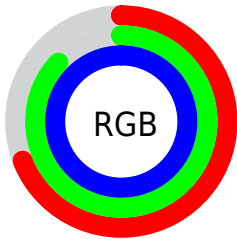
Format	Color
RYB	177, 205, 254
Decimal	11656958
CIELab	86.38, -7.32, -20.30
CIELCh	86, 21.579, 250.168
Yxy	68.7454, 0.2648, 0.2930
Android (android.graphics.Color)	4289847038 (0xFFB1DEFE)
YUV	212.1930, 20.6109, -30.8643
Hunter-Lab	82.9129, -11.3140, -16.1585

Details

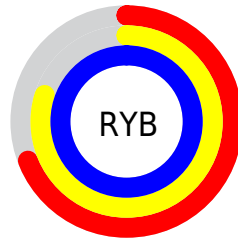
The Hex color **B1DEFE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FED1B1**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **EAE9FF**, and **7AA7C5** is the 20% darker color. If you saturate the color by 10%, you get **98D3FE**, and if you desaturate by 10%, it is **CAE9FE**.

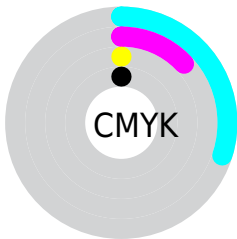
Distribution



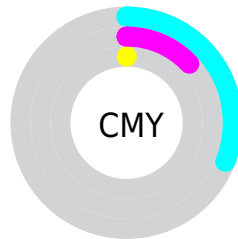
- Red (69%)
- Green (87%)
- Blue (100%)



- Red (69%)
- Yellow (80%)
- Blue (100%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1DEFE 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 B1DEFE by changing the saturation by 10% instead.

 B1DEFE

 B1DEFE

FFFFFF

 95C2E1

 EAFFFF

 7AA7C5

 608DAA

 45738F

 2A5B76

 09435D

 002D45

 00192F

 00011A

 B1DEFE

 B1DEFE

 98D3FE

 CAE9FE

 7EC9FE

 E4F3FE

 65BEFE

 FDFEFE

 4BB4FE

FFFFFFE

 32A9FE

 199FFE

 0094FE

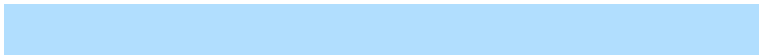
Harmonies

Analogous

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



A2E2F2



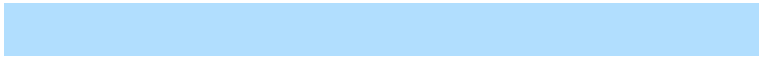
B1DEFE



CAD8FF

Triad

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



B1DEFE



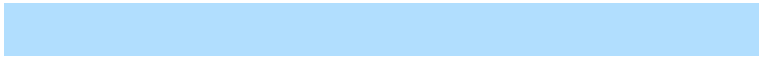
FFCAD2



CADFB9

Complementary

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



B1DEFE



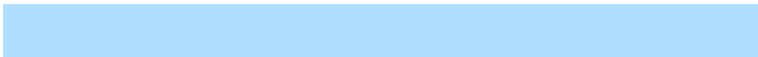
FED1B1

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.



E1D9B0



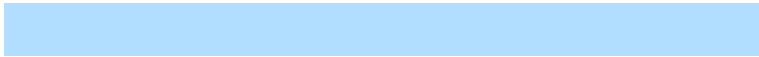
B1DEFE



FFCCBF

Square

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



B1DEFE



F9CBE6



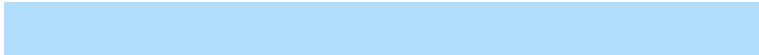
F5D2B2



B3E3CA

Rectangle

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



B1DEFE



DCD3FB



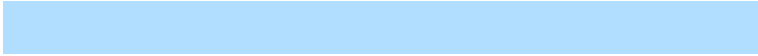
F5D2B2



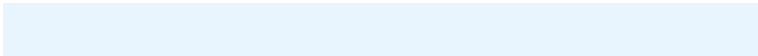
D2DDB5

Sweetspot

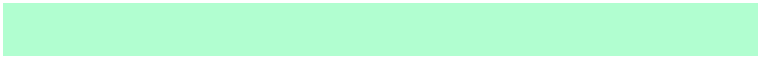
The Sweet Spot groups the original color and five complimentary colors.



B1DEFE



E8F5FF



B1FED0



717A80



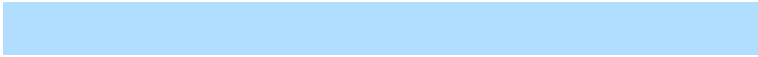
000000



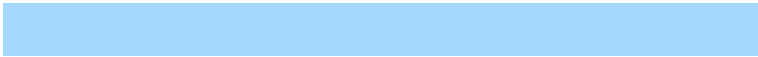
808080

Same Dimension

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



B1DEFE



A3D9FF



B1B9FE



737A80



0070BF



002540

Inverse Universe

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



FEB1DE



FFA3D9



FEF6B1



80737A



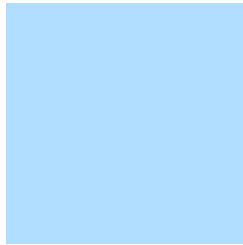
BF0070



400025

Previews

White Background



This preview shows how the Hex color B1DEFE looks on a white background.

Color Contrast Check

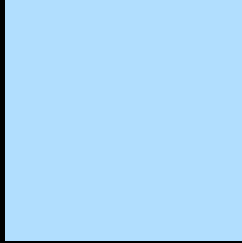
Large Text (above 18pt) WCAG AA × Fail

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 B1DEFE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

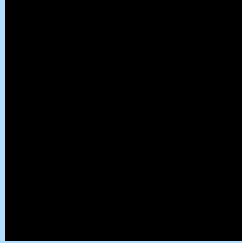
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

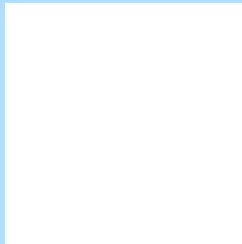
Any Text WCAG AAA ✓ Pass

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

Hex B1DEFE Background



This preview shows how black text looks on a background with the Hex color B1DEFE.

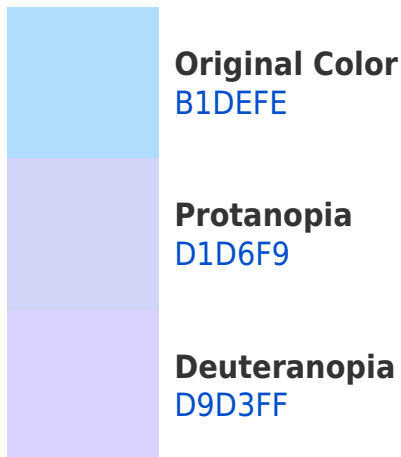


This preview shows how white text looks on a background with the Hex color B1DEFE.

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](#).

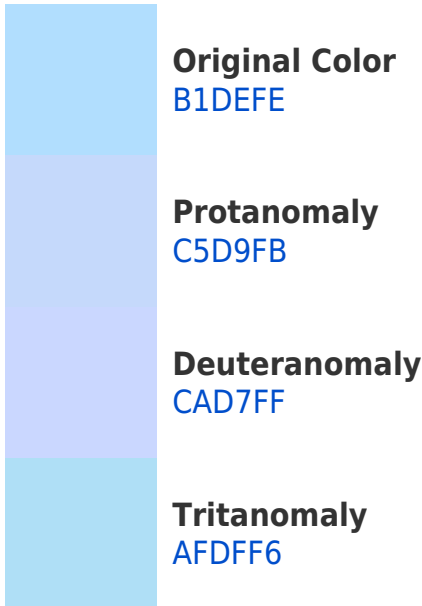
Dichromacy



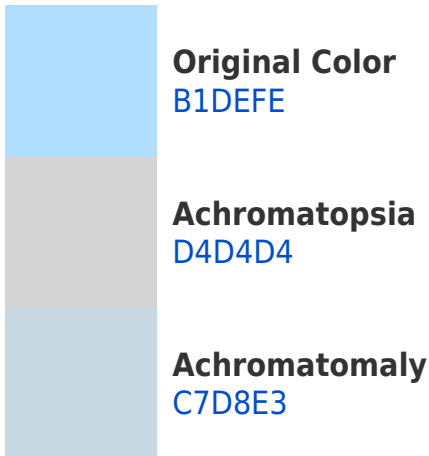


Tritanopia
AEE0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1DEFE 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 #B1DEFE looks like.

```
.text, #text, p{  
    color:#B1DEFE  
}
```

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 #B1DEFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1DEFE
}
```

Border

The CSS property to change the border of an element to Hex B1DEFE 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
#B1DEFE }
```

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

```
.border{ border-color:#B1DEFE }
```

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

Here you see how a box with a 4 pixel #B1DEFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1DEFE; -webkit-box-shadow:4px 4px  
4px 4px #B1DEFE; box-shadow:4px 4px 4px  
4px #B1DEFE }
```

Background

The CSS property to change the background color of an element to Hex B1DEFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1DEFE }
```

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

```
.background{ background-color:#B1DEFE }
```

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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