

Converting Colors

Hex(B4DBFE)

Have a look what the booklet for
Hex(B4DBFE) contains.

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Color

Hex(B4DBFE)

Conversions

Conversions Part 1

Format	Color
Hex	B4DBFE
RGB	180, 219, 254
RGB Percent	71%, 86%, 100%
CMY	0.2941, 0.1412, 0.0039
CMYK	0.29, 0.14, 0.00, 0.00
HSL	208°, 97%, 85%
HSV	208°, 29%, 100%
XYZ	62.0433, 67.5221, 103.5290
YIQ	211.3290, -34.4790, 2.6170

Conversions

Conversions Part 2

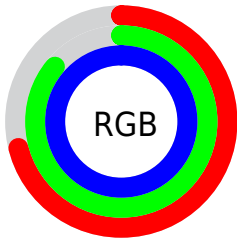
Format	Color
RYB	180, 206, 254
Decimal	11852798
CIELab	85.77, -4.92, -21.21
CIELCh	86, 21.769, 256.944
Yxy	67.5221, 0.2662, 0.2897
Android (android.graphics.Color)	4290042878 (0xFFB4DBFE)
YUV	211.3290, 21.0368, -27.4755
Hunter-Lab	82.1718, -9.0254, -17.1797

Details

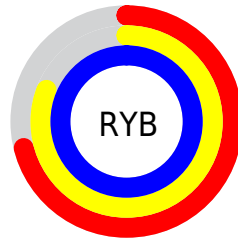
The Hex color **B4DBFE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FED7B4**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **EDFFFF**, and **7DA4C5** is the 20% darker color. If you saturate the color by 10%, you get **9BCFFE**, and if you desaturate by 10%, it is **CDE7FE**.

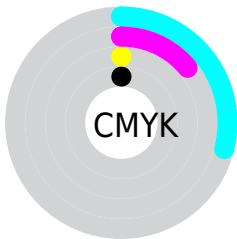
Distribution



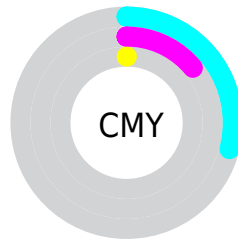
- Red (71%)
- Green (86%)
- Blue (100%)



- Red (71%)
- Yellow (81%)
- Blue (100%)



- Cyan (29%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4DBFE 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 B4DBFE by changing the saturation by 10% instead.

 B4DBFE

 B4DBFE

FFFFFF

 98BFE1


 EDFFFF

 7DA4C5

 638AAA

 49708F

 2F5876

 11415D

 002B45

 00172F

 00011A

 B4DBFE

 B4DBFE

 9BCFFE

 CDE7FE

 81C3FE

 E7F3FE


 68B7FE

FFFFFFE

 4EABFE

 359FFE

 1C93FE

 0287FE

 0086FE

Harmonies

Analogous

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



A2E0F4



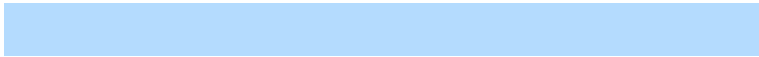
B4DBFE



CED4FE

Triad

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



B4DBFE



FFC8CB



C2DEBA

Complementary

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



B4DBFE



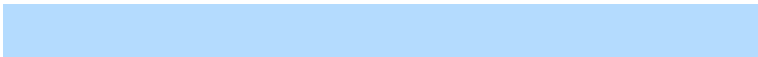
FED7B4

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.



DAD9AF



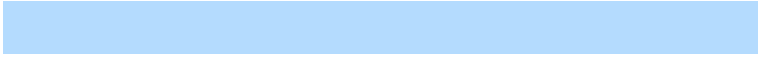
B4DBFE



FDCCB9

Square

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



B4DBFE



FAC9E0



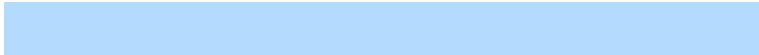
EFD2AF



ADE2CC

Rectangle

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



B4DBFE



E0D0F7



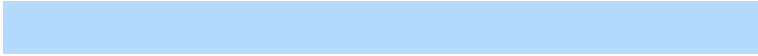
EFD2AF



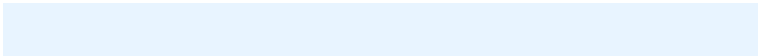
CADDB5

Sweetspot

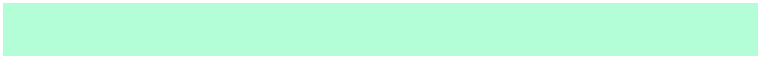
The Sweet Spot groups the original color and five complimentary colors.



B4DBFE



E8F4FF



B4FED7



717980



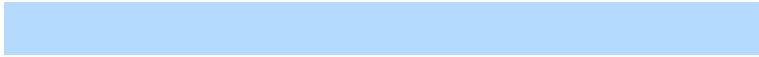
000000



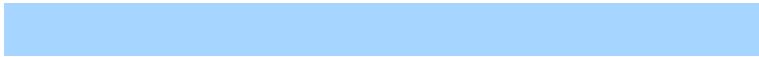
808080

Same Dimension

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



B4DBFE



A6D5FF



B4B6FE



737980



0065BF



002240

Inverse Universe

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



FEB4DB



FFA6D5



FEFCB4



807379



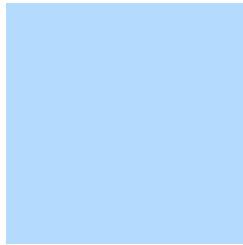
BF0065



400022

Previews

White Background



This preview shows how the Hex color B4DBFE looks on a white background.

Color Contrast Check

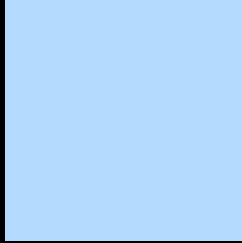
Large Text (above 18pt) WCAG AA × Fail

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 B4DBFE 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

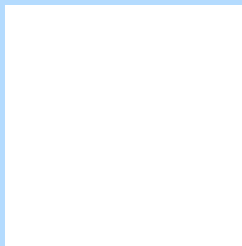
Any Text WCAG AAA ✓ Pass

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

Hex B4DBFE Background



This preview shows how black text looks on a background with the Hex color B4DBFE.

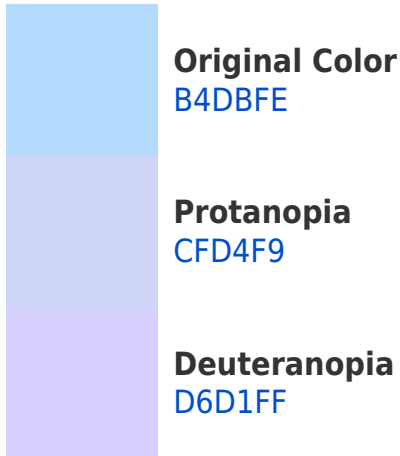


This preview shows how white text looks on a background with the Hex color B4DBFE.

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](#).

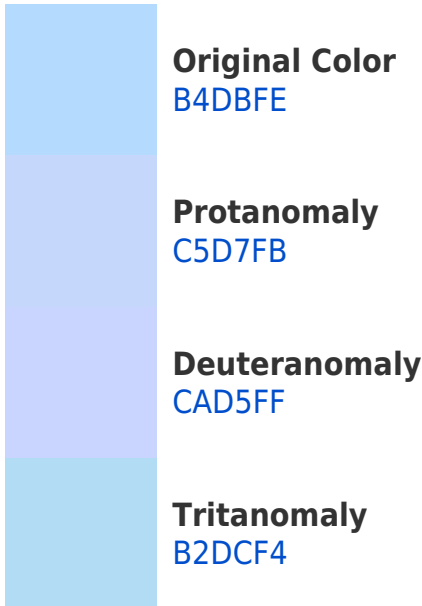
Dichromacy



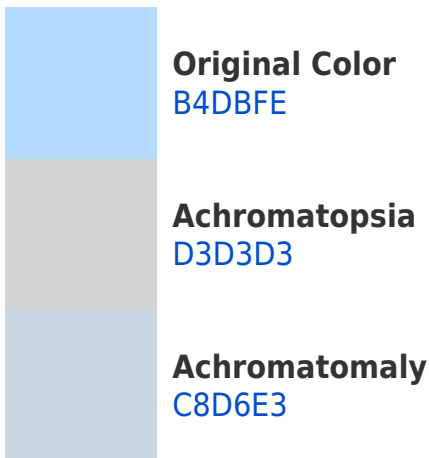


Tritanopia
B1DDEF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4DBFE 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 #B4DBFE looks like.

```
.text, #text, p{  
  color:#B4DBFE  
}
```

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 #B4DBFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DBFE
}
```

Border

The CSS property to change the border of an element to Hex B4DBFE 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
#B4DBFE }
```

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

```
.border{ border-color:#B4DBFE }
```

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

Here you see how a box with a 4 pixel #B4DBFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DBFE; -webkit-box-shadow:4px 4px  
4px 4px #B4DBFE; box-shadow:4px 4px 4px  
4px #B4DBFE }
```

Background

The CSS property to change the background color of an element to Hex B4DBFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DBFE }
```

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

```
.background{ background-color:#B4DBFE }
```

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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