

Converting Colors

Hex(B4DBFF)

Have a look what the booklet for
Hex(B4DBFF) contains.

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Color

Hex(B4DBFF)

Conversions

Conversions Part 1

Format	Color
Hex	B4DBFF
RGB	180, 219, 255
RGB Percent	71%, 86%, 100%
CMY	0.2941, 0.1412, 0.0000
CMYK	0.29, 0.14, 0.00, 0.00
HSL	209°, 100%, 85%
HSV	209°, 29%, 100%
XYZ	62.2039, 67.5863, 104.3747
YIQ	211.4430, -34.8000, 2.9280

Conversions

Conversions Part 2

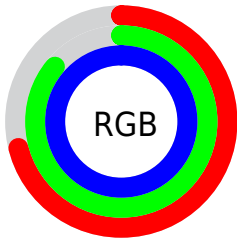
Format	Color
R _Y B	180, 206, 255
Decimal	11852799
CIE Lab	85.80, -4.68, -21.68
CIE LCh	86, 22.185, 257.814
Yxy	67.5863, 0.2656, 0.2886
Android (android.graphics.Color)	4290042879 (0xFFB4DBFF)
YUV	211.4430, 21.4736, -27.5755
Hunter-Lab	82.2109, -8.8092, -17.7268

Details

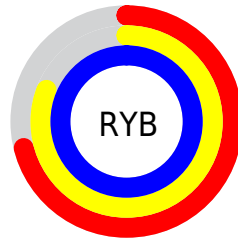
The Hex color **B4DBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD8B4**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **EDFFFF**, and **7DA4C6** is the 20% darker color. If you saturate the color by 10%, you get **9BCFFF**, and if you desaturate by 10%, it is **CEE7FF**.

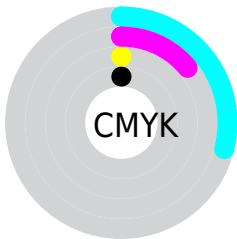
Distribution



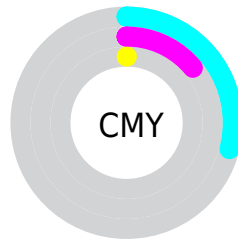
- Red (71%)
- Green (86%)
- Blue (100%)



- 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 B4DBFF 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 B4DBFF by changing the saturation by 10% instead.

 B4DBFF

 B4DBFF

FFFFFF

 98BFE2

 EDFFFF

 7DA4C6

 638AAB

 497090

 2E5877

 10415E

 002B46

 00172F

 00011B

 B4DBFF

 B4DBFF

 9BCFFF

 CEE7FF

 81C3FF

 E7F3FF

 68B6FF

FFFFFF

 4EAAFF

 359EFF

 1B92FF

 0285FF

 0085FF

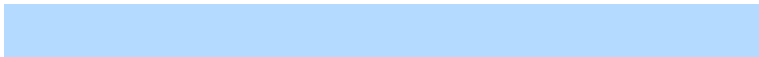
Harmonies

Analogous

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



A1E0F5



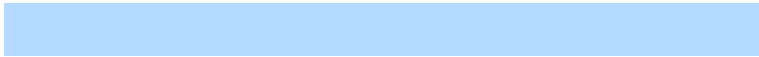
B4DBFF



CFD4FE

Triad

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



B4DBFF



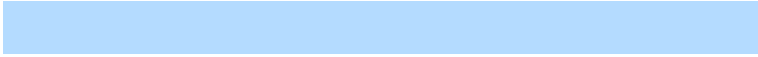
FFC8CB



C1DFBA

Complementary

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



B4DBFF



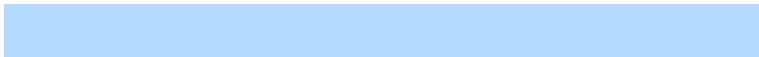
FFD8B4

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.



DAD9AE



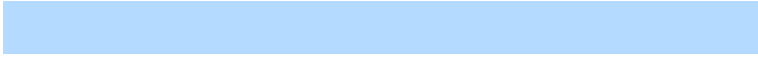
B4DBFF



FECCB8

Square

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



B4DBFF



FCC9E0



EFD2AE



ACE2CD

Rectangle

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



B4DBFF



E1CFF8



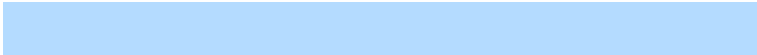
EFD2AE



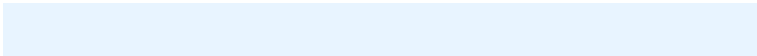
CADDB5

Sweetspot

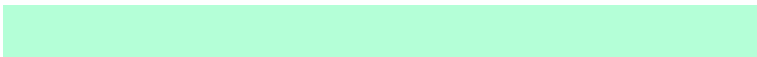
The Sweet Spot groups the original color and five complimentary colors.



B4DBFF



E8F4FF



B4FFD7



717980



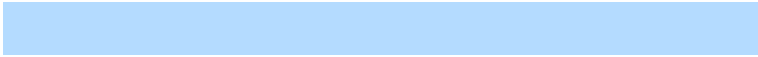
000000



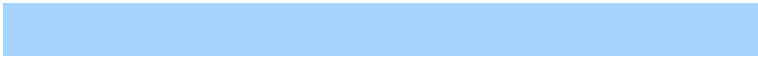
808080

Same Dimension

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



B4DBFF



A6D4FF



B4B7FF



737980



0063BF



002140

Inverse Universe

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



FFB4DB



FFA6D4



FFFDB4



807379



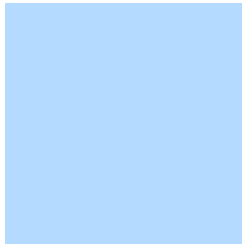
BF0063



400021

Previews

White Background



This preview shows how the Hex color B4DBFF looks on a white background.

Color Contrast Check

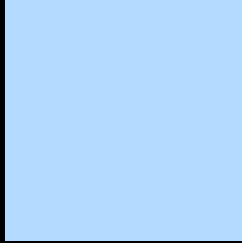
Large Text (above 18pt) WCAG AA × Fail

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 B4DBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

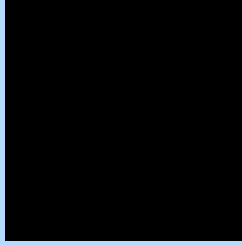
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

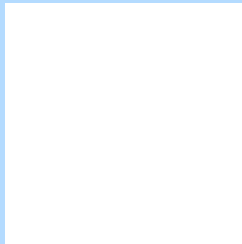
Any Text WCAG AAA ✓ Pass

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

Hex B4DBFF Background



This preview shows how black text looks on a background with the Hex color B4DBFF.

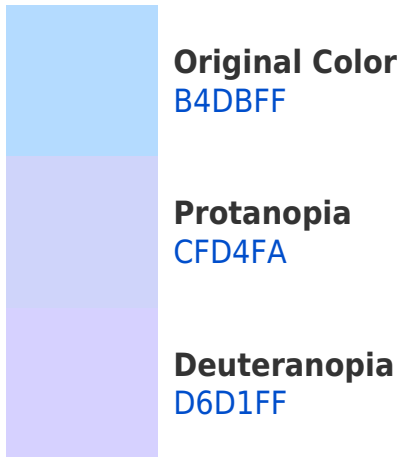


This preview shows how white text looks on a background with the Hex color B4DBFF.

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](#).

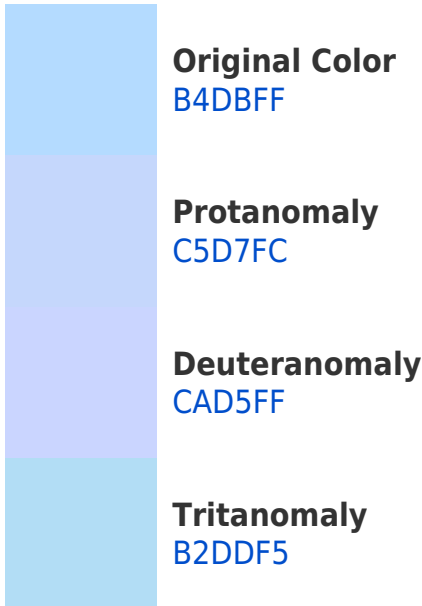
Dichromacy



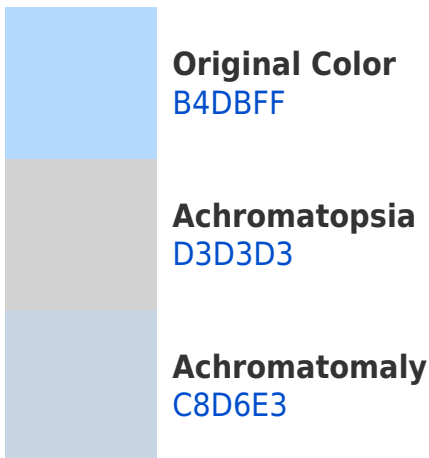


Tritanopia
B1DEEF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4DBFF 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 #B4DBFF looks like.

```
.text, #text, p{  
    color:#B4DBFF  
}
```

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 #B4DBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DBFF
}
```

Border

The CSS property to change the border of an element to Hex B4DBFF 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
#B4DBFF }
```

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

```
.border{ border-color:#B4DBFF }
```

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

Here you see how a box with a 4 pixel #B4DBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DBFF; -webkit-box-shadow:4px 4px  
4px 4px #B4DBFF; box-shadow:4px 4px 4px  
4px #B4DBFF }
```

Background

The CSS property to change the background color of an element to Hex B4DBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DBFF }
```

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

```
.background{ background-color:#B4DBFF }
```

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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