

Converting Colors

Hex(B4DEFF)

Have a look what the booklet for
Hex(B4DEFF) contains.

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Color

Hex(B4DEFF)

Conversions

Conversions Part 1

Format	Color
Hex	B4DEFF
RGB	180, 222, 255
RGB Percent	71%, 87%, 100%
CMY	0.2941, 0.1294, 0.0000
CMYK	0.29, 0.13, 0.00, 0.00
HSL	206°, 100%, 85%
HSV	206°, 29%, 100%
XYZ	62.9937, 69.1659, 104.6380
YIQ	213.2040, -35.6250, 1.3590

Conversions

Conversions Part 2

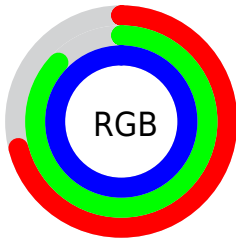
Format	Color
R _Y B	180, 207, 255
Decimal	11853567
CIE Lab	86.59, -6.25, -20.49
CIE LCh	87, 21.424, 253.052
Yxy	69.1659, 0.2660, 0.2921
Android (android.graphics.Color)	4290043647 (0xFFB4DEFF)
YUV	213.2040, 20.6054, -29.1199
Hunter-Lab	83.1660, -10.3366, -16.3814

Details

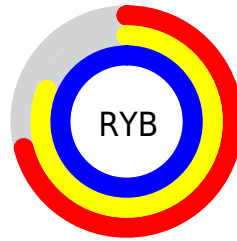
The Hex color **B4DEFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD5B4**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **EDFFFF**, and **7DA7C6** is the 20% darker color. If you saturate the color by 10%, you get **9BD3FF**, and if you desaturate by 10%, it is **CEE9FF**.

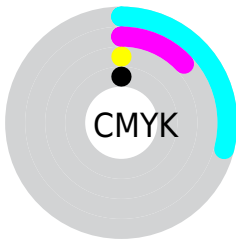
Distribution



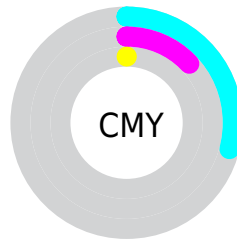
- Red (71%)
- Green (87%)
- Blue (100%)



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



- Cyan (29%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4DEFF 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 B4DEFF by changing the saturation by 10% instead.

 B4DEFF

 B4DEFF

FFFFFF

 98C2E2

 EDFFFF

 7DA7C6

 638DAB

 497390

 2E5B77

 10435E

 002D46

 001930

 00011B

 B4DEFF

 B4DEFF

 9BD3FF

 CEE9FF

 81C8FF

 E7F4FF

 68BCFF


FFFFFF

 4EB1FF

 35A6FF

 1B9BFF

 028FFF

 008FFF

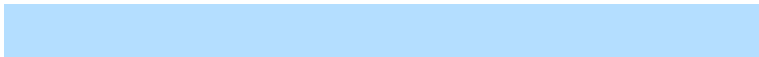
Harmonies

Analogous

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



A4E3F4



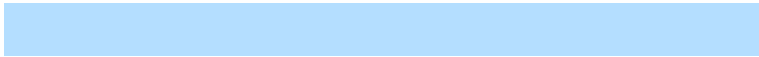
B4DEFF



CDD7FF

Triad

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



B4DEFF



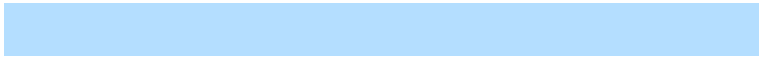
FFCBD0



C8E0BB

Complementary

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



B4DEFF



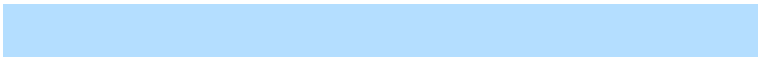
FFD5B4

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.



DFDAB1



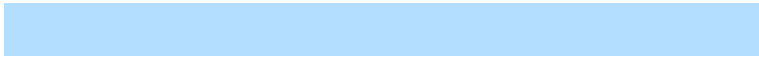
B4DEFF



FFCEBE

Square

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



B4DEFF



FBCCE5



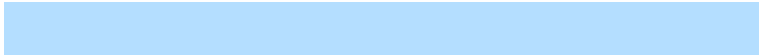
F3D3B2



B2E4CC

Rectangle

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



B4DEFF



DFD3FB



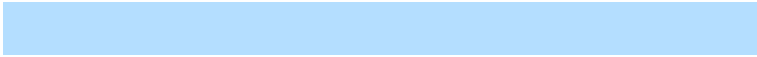
F3D3B2



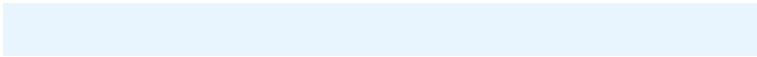
D0DEB6

Sweetspot

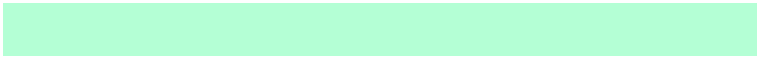
The Sweet Spot groups the original color and five complimentary colors.



B4DEFF



E8F5FF



B4FFD5



717980



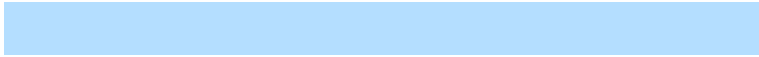
000000



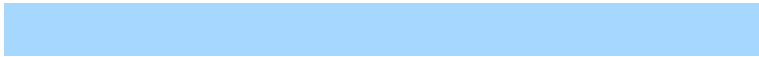
808080

Same Dimension

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



B4DEFF



A6D8FF



B4B9FF



737A80



006BBF



002440

Inverse Universe

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



FFB4DE



FFA6D8



FFFAB4



80737A



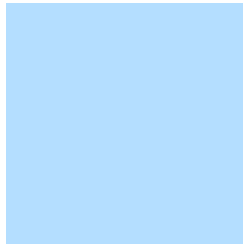
BF006B



400024

Previews

White Background



This preview shows how the Hex color B4DEFF looks on a white background.

Color Contrast Check

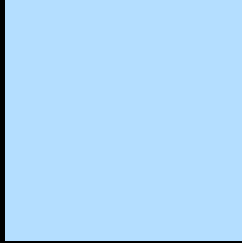
Large Text (above 18pt) WCAG AA × Fail

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 B4DEFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

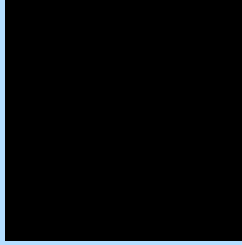
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

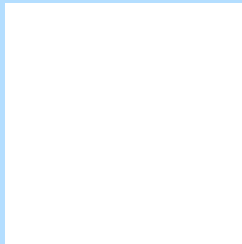
Any Text WCAG AAA ✓ Pass

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

Hex B4DEFF Background



This preview shows how black text looks on a background with the Hex color B4DEFF.

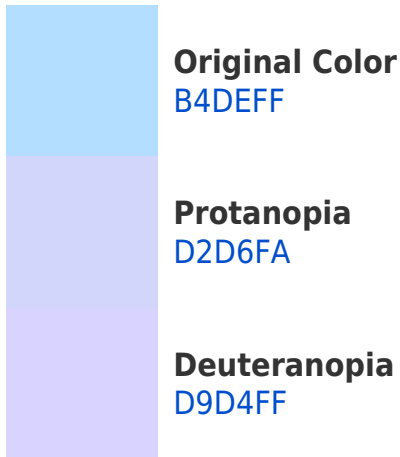


This preview shows how white text looks on a background with the Hex color B4DEFF.

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



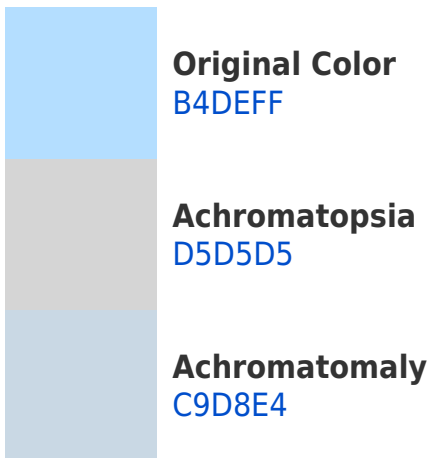


Tritanopia
B1E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4DEFF 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 #B4DEFF looks like.

```
.text, #text, p{  
    color:#B4DEFF  
}
```

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 #B4DEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DEFF
}
```

Border

The CSS property to change the border of an element to Hex B4DEFF 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
#B4DEFF }
```

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

```
.border{ border-color:#B4DEFF }
```

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

Here you see how a box with a 4 pixel #B4DEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DEFF; -webkit-box-shadow:4px 4px  
4px 4px #B4DEFF; box-shadow:4px 4px 4px  
4px #B4DEFF }
```

Background

The CSS property to change the background color of an element to Hex B4DEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DEFF }
```

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

```
.background{ background-color:#B4DEFF }
```

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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