

Converting Colors

Hex(B2DAFF)

Have a look what the booklet for
Hex(B2DAFF) contains.

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Color

Hex(B2DAFF)

Conversions

Conversions Part 1

Format	Color
Hex	B2DAFF
RGB	178, 218, 255
RGB Percent	70%, 85%, 100%
CMY	0.3020, 0.1451, 0.0000
CMYK	0.30, 0.15, 0.00, 0.00
HSL	209°, 100%, 85%
HSV	209°, 30%, 100%
XYZ	61.4815, 66.8278, 104.2664
YIQ	210.2580, -35.7170, 3.0270

Conversions

Conversions Part 2

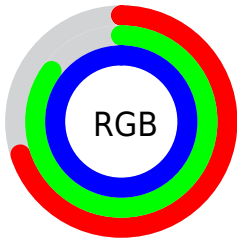
Format	Color
R _Y B	178, 204, 255
Decimal	11721471
CIE Lab	85.42, -4.72, -22.28
CIE LCh	85, 22.771, 258.031
Yxy	66.8278, 0.2644, 0.2873
Android (android.graphics.Color)	4289911551 (0xFFB2DAFF)
YUV	210.2580, 22.0578, -28.2903
Hunter-Lab	81.7483, -8.8126, -18.3980

Details

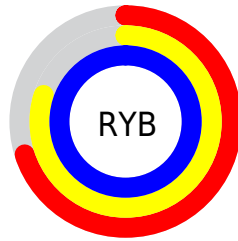
The Hex color **B2DAFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD7B2**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EBFFFF**, and **7BA3C6** is the 20% darker color. If you saturate the color by 10%, you get **98CEFF**, and if you desaturate by 10%, it is **CBE6FF**.

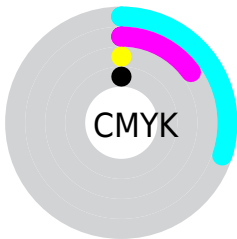
Distribution



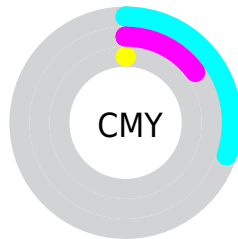
- Red (70%)
- Green (85%)
- Blue (100%)



- Red (70%)
- Yellow (80%)
- Blue (100%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2DAFF 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 B2DAFF by changing the saturation by 10% instead.

 B2DAFF

 B2DAFF

FFFFFF

 96BEE2

 EBFFFF

 7BA3C6

 6189AB

 467090

 2C5777

 0C405E

 002A46

 00162F

 00011A

 B2DAFF

 B2DAFF

 98CEFF

 CBE6FF

 7FC1FF

 E5F3FF

 65B5FF

FFFFFF

 4CA9FF

 329DFF

 1990FF

 0084FF

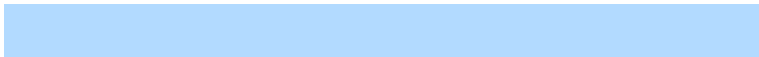
Harmonies

Analogous

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



9FDFF5



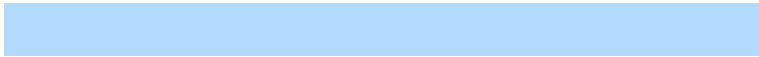
B2DAFF



CED3FE

Triad

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



B2DAFF



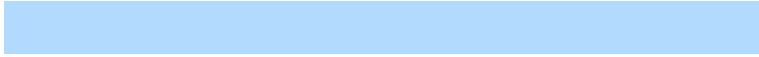
FFC7C9



C0DEB8

Complementary

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



B2DAFF



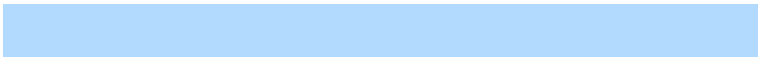
FFD7B2

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.



D8D8AC



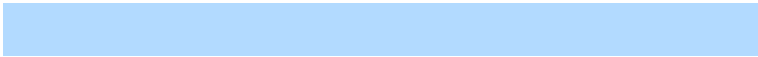
B2DAFF



FDCAB6

Square

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



B2DAFF



FBC7DF



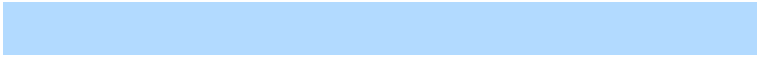
EED1AC



A9E1CC

Rectangle

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



B2DAFF



E1CEF7



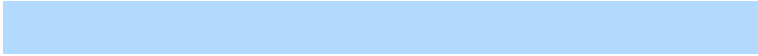
EED1AC



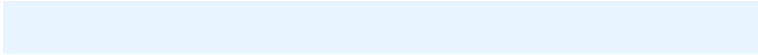
C8DCB3

Sweetspot

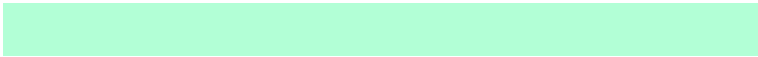
The Sweet Spot groups the original color and five complimentary colors.



B2DAFF



E8F4FF



B2FFD6



717980



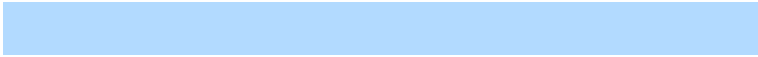
000000



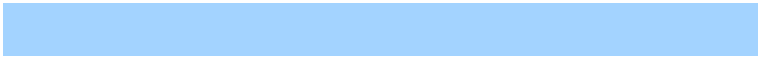
808080

Same Dimension

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



B2DAFF



A3D3FF



B2B5FF



737980



0063BF



002140

Inverse Universe

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



FFB2DA



FFA3D3



FFFCB2



807379



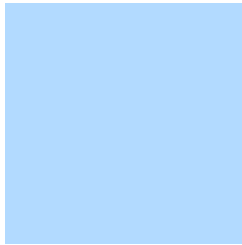
BF0063



400021

Previews

White Background



This preview shows how the Hex color B2DAFF looks on a white background.

Color Contrast Check

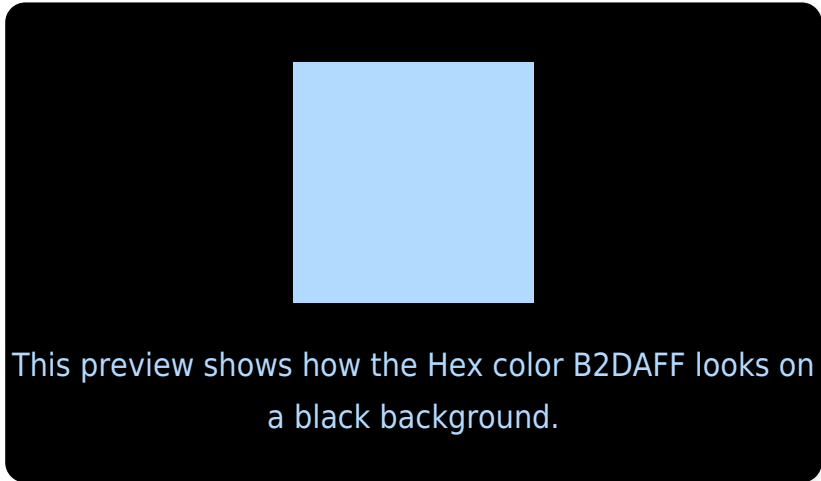
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

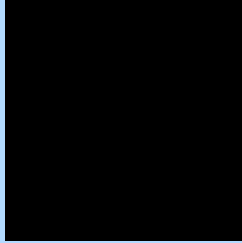
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

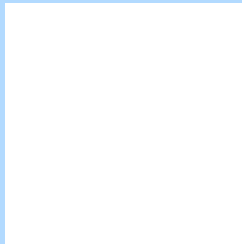
Any Text WCAG AAA ✓ Pass

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

Hex B2DAFF Background



This preview shows how black text looks on a background with the Hex color B2DAFF.

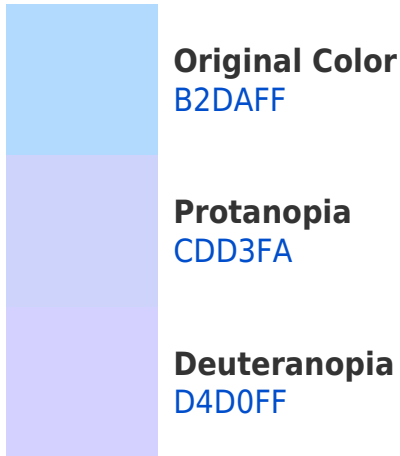


This preview shows how white text looks on a background with the Hex color B2DAFF.

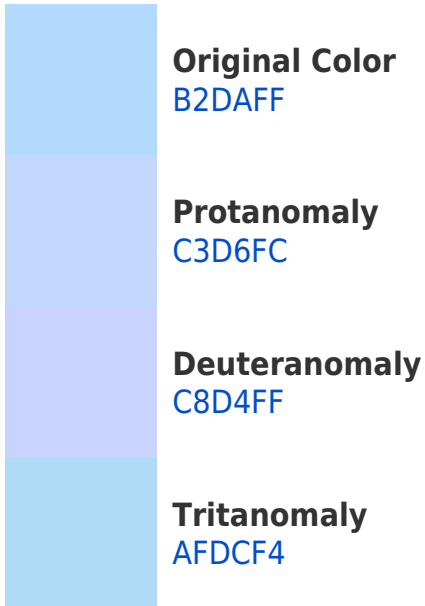
Color Blindness Simulation

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](#).

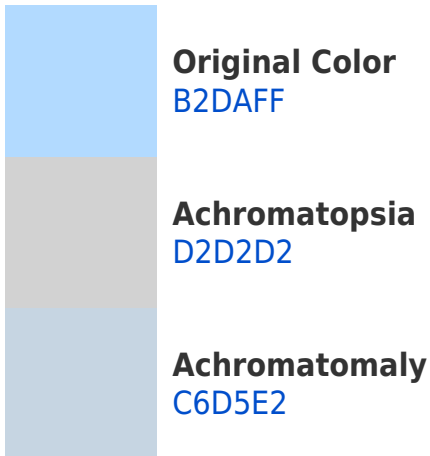
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2DAFF 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 #B2DAFF looks like.

```
.text, #text, p{  
    color:#B2DAFF  
}
```

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 #B2DAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2DAFF
}
```

Border

The CSS property to change the border of an element to Hex B2DAFF 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
#B2DAFF }
```

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

```
.border{ border-color:#B2DAFF }
```

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

Here you see how a box with a 4 pixel #B2DAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2DAFF; -webkit-box-shadow:4px 4px  
4px 4px #B2DAFF; box-shadow:4px 4px 4px  
4px #B2DAFF }
```

Background

The CSS property to change the background color of an element to Hex B2DAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2DAFF }
```

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

```
.background{ background-color:#B2DAFF }
```

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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