

Converting Colors

Hex(BDDAFF)

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

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Color

Hex(BDDAFF)

Conversions

Conversions Part 1

Format	Color
Hex	BDDAFF
RGB	189, 218, 255
RGB Percent	74%, 85%, 100%
CMY	0.2588, 0.1451, 0.0000
CMYK	0.26, 0.15, 0.00, 0.00
HSL	214°, 100%, 87%
HSV	214°, 26%, 100%
XYZ	64.1077, 68.1816, 104.3893
YIQ	213.5470, -29.1610, 5.3590

Conversions

Conversions Part 2

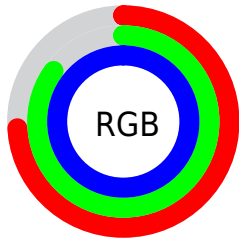
Format	Color
R _Y B	189, 209, 255
Decimal	12442367
CIE Lab	86.10, -1.58, -21.18
CIE LCh	86, 21.239, 265.725
Yxy	68.1816, 0.2709, 0.2881
Android (android.graphics.Color)	4290632447 (0xFFBDDAFF)
YUV	213.5470, 20.4363, -21.5277
Hunter-Lab	82.5722, -5.9168, -17.1550

Details

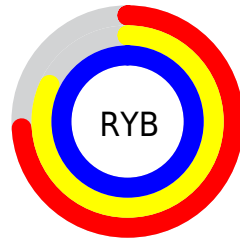
The Hex color **BDDAFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFE2BD**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **F6FFFF**, and **86A3C6** is the 20% darker color. If you saturate the color by 10%, you get **A4CCFF**, and if you desaturate by 10%, it is **D7E8FF**.

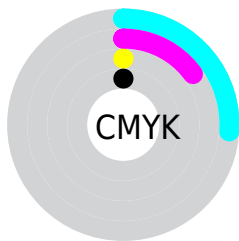
Distribution



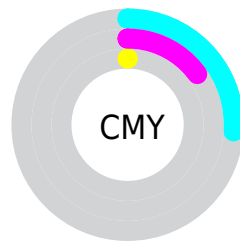
- Red (74%)
- Green (85%)
- Blue (100%)



- Red (74%)
- Yellow (82%)
- Blue (100%)



- Cyan (26%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 BDDAFF

 BDDAFF

FFFFFF

 A1BEE2

 F6FFFF

 86A3C6

 6C89AB

 527090

 395777

 1F405E

 002A46

 00162F

 00011B

 BDDAFF

 BDDAFF

 A4CCFF

 D7E8FF

 8ABDFF

 F0F7FF

 71AFFF

FFFFFF

 57A1FF

 3E93FF

 2484FF

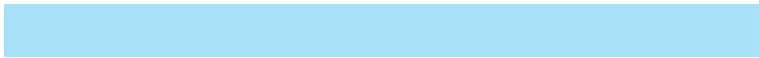
 0B76FF

 0070FF

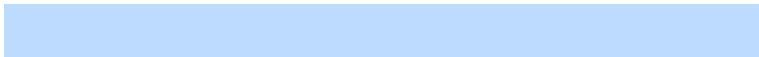
Harmonies

Analogous

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



A8E0F8



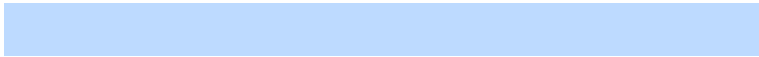
BDDAFF



D7D3FB

Triad

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



BDDAFF



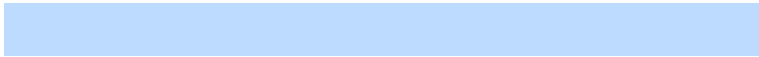
FFCAC7



BDE0C0

Complementary

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



BDDAFF



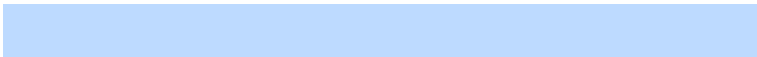
FFE2BD

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.



D4DBB3



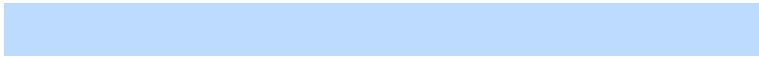
BDDAFF



FACFB7

Square

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



BDDAFF



FECADB



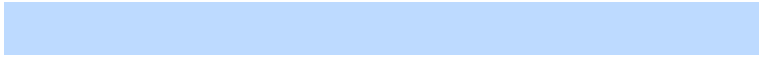
EAD5B0



AAE3D4

Rectangle

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



BDDAFF



E8CFF4



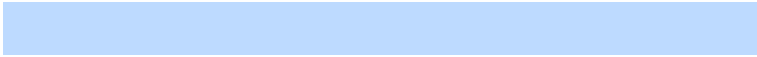
EAD5B0



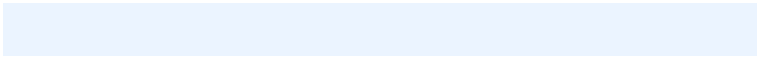
C5DFBB

Sweetspot

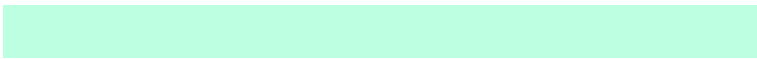
The Sweet Spot groups the original color and five complimentary colors.



BDDAFF



EBF4FF



BDFFE1



737880



000000



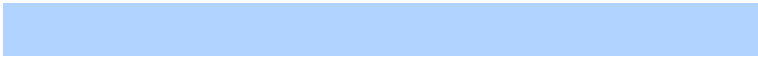
808080

Same Dimension

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



BDDAFF



B0D3FF



C0BDFF



737880



0054BF



001C40

Inverse Universe

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



FFBDDA



FFB0D3



FCFFBD



807378



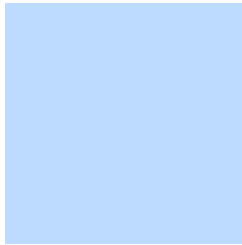
BF0054



40001C

Previews

White Background



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

Color Contrast Check

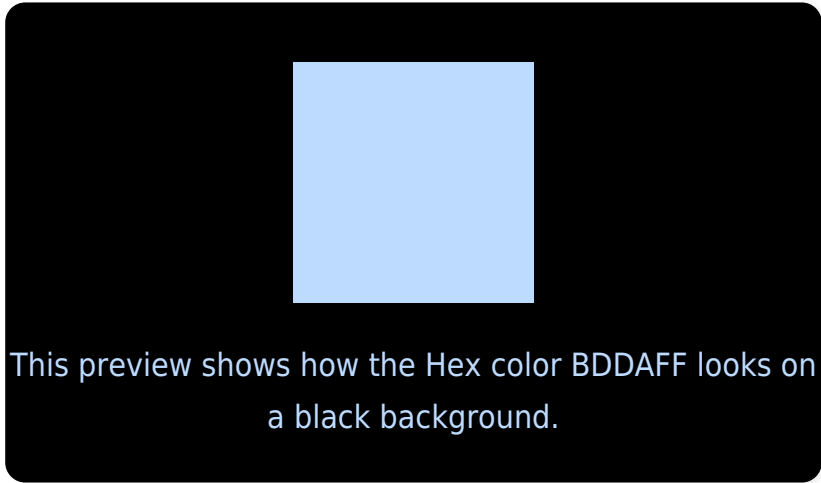
Large Text (above 18pt) WCAG AA × Fail

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

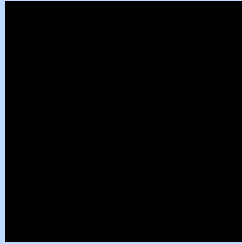
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

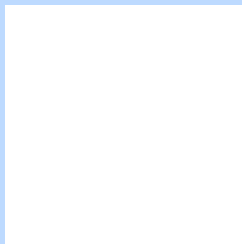
Any Text WCAG AAA ✓ Pass

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

Hex BDDAFF Background



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

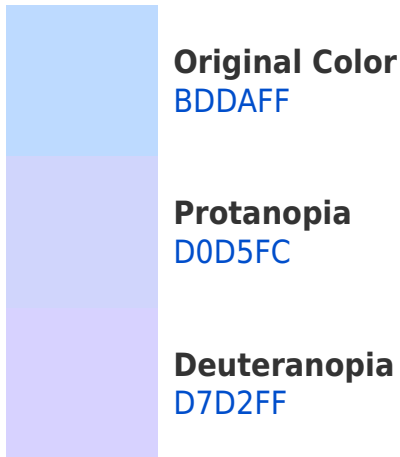


This preview shows how white text looks on a background with the Hex color BDDAFF.

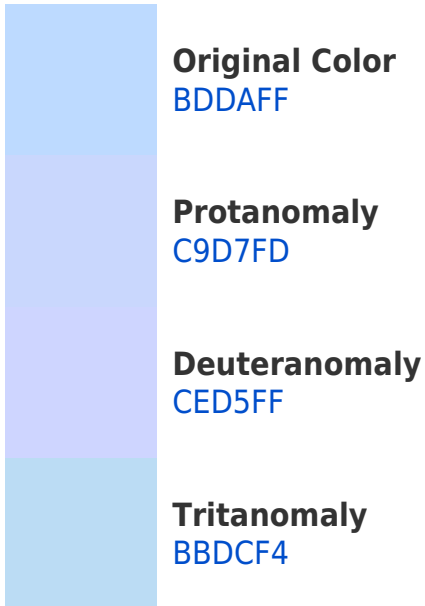
Color Blindness Simulation

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](#).

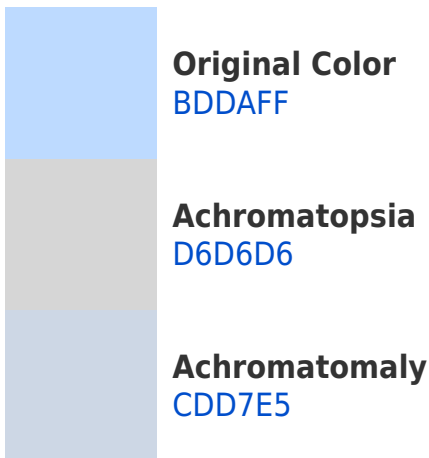
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #BDDAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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