

Converting Colors

Hex(CDBAFF)

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

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Color

Hex(CDBAFF)

Conversions

Conversions Part 1

Format	Color
Hex	CDBAFF
RGB	205, 186, 255
RGB Percent	80%, 73%, 100%
CMY	0.1961, 0.2706, 0.0000
CMYK	0.20, 0.27, 0.00, 0.00
HSL	257°, 100%, 86%
HSV	257°, 27%, 100%
XYZ	60.7857, 55.3169, 102.0812
YIQ	199.5470, -10.8250, 25.4870

Conversions

Conversions Part 2

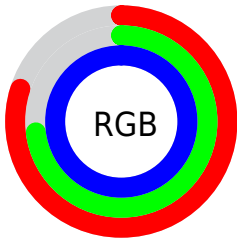
Format	Color
R _Y B	205, 186, 255
Decimal	13482751
CIE Lab	79.22, 20.34, -31.57
CIE LCh	79, 37.551, 302.790
Yxy	55.3169, 0.2786, 0.2535
Android (android.graphics.Color)	4291672831 (0xFFCDBAFF)
YUV	199.5470, 27.3383, 4.7823
Hunter-Lab	74.3754, 15.7282, -29.3136

Details

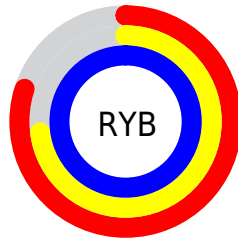
The Hex color **CDBAFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **ECFFBA**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFF2FF**, and **9685C6** is the 20% darker color. If you saturate the color by 10%, you get **BBA1FF**, and if you desaturate by 10%, it is **DFD3FF**.

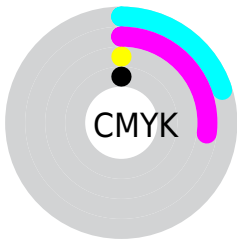
Distribution



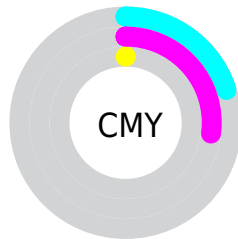
- Red (80%)
- Green (73%)
- Blue (100%)



- Red (80%)
- Yellow (73%)
- Blue (100%)



- Cyan (20%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 CDBAFF

 CDBAFF

FFFFFF

 B19FE2

 FFF2FF

 9685C6

 7B6BAB

 625390

 483C76

 30265D

 171245

 01002F

 000119

 CDBAFF

 CDBAFF

 BBA1FF

 DFD3FF


 A887FF

 F2EDFF

 966DFF

FFFFFF

 8354FF

 713AFF

 5E21FF

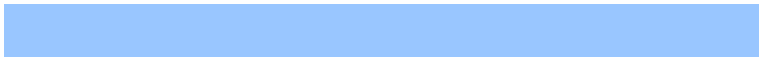
 4C08FF

 4600FF

Harmonies

Analogous

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



99C6FF



CDBAFF



F3AFE5

Triad

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



CDBAFF



F6B787



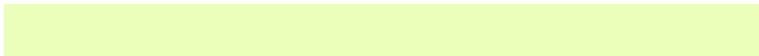
60D7C6

Complementary

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



CDBAFF



ECFFBA

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.



8AD4A3



CDBAFF



D9C37E

Square

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



CDBAFF



FFADA0



B4CD88



47D6E9

Rectangle

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



CDBAFF



FFAACE



B4CD88



6ED7BA

Sweetspot

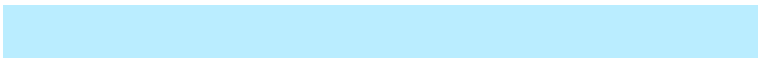
The Sweet Spot groups the original color and five complimentary colors.



CDBAFF



FOEBFF



BAEDFF



767380



000000



808080

Same Dimension

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



CDBAFF



C4ADFF



EFBAFF



767380



3500BF



120040

Inverse Universe

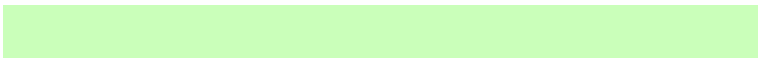
The Inverse Universe completely reimagines the original color for something new.



FFBAEC



FFADE9



CAFFBA



80737C



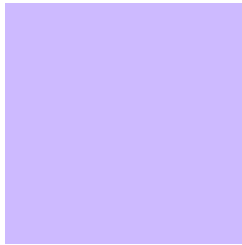
BF008B



40002E

Previews

White Background



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

Color Contrast Check

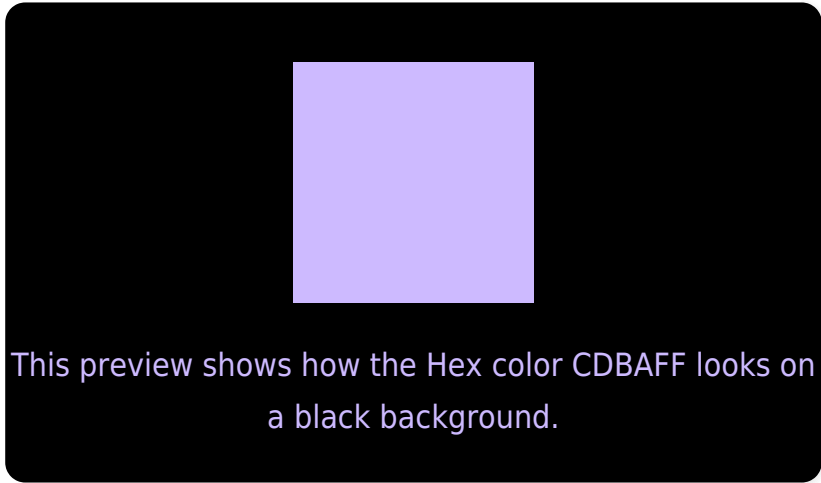
Large Text (above 18pt) WCAG AA × Fail

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

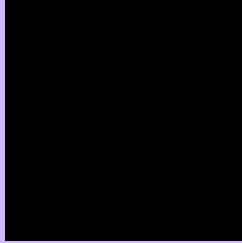
Any Text WCAG AA ✓ Pass

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 CDBAFF Background



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

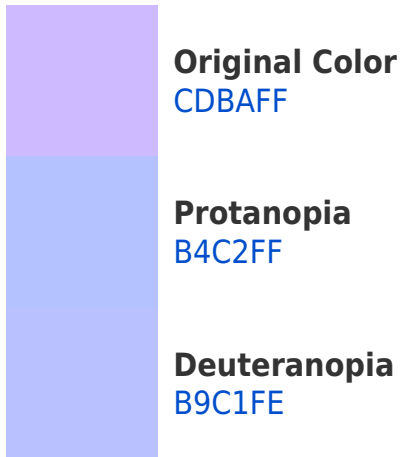


This preview shows how white text looks on a background with the Hex color CDBAFF.

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](#).

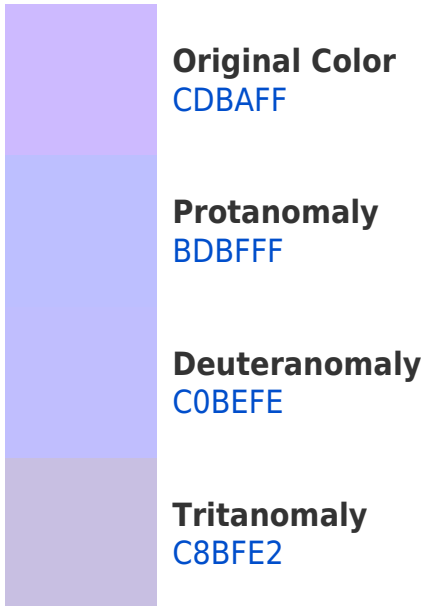
Dichromacy



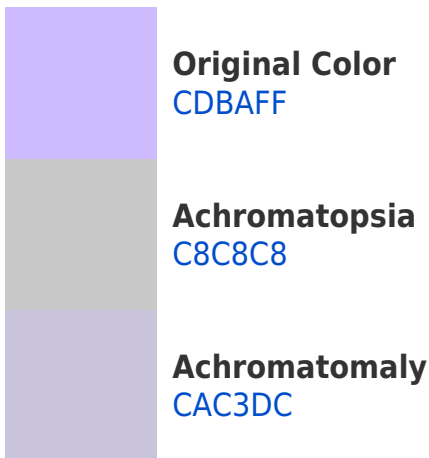


Tritanopia
C5C2D2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #CDBAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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