

Converting Colors

Hex(CDB5FF)

Have a look what the booklet for
Hex(CDB5FF) contains.

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Color

Hex(CDB5FF)

Conversions

Conversions Part 1

Format	Color
Hex	CDB5FF
RGB	205, 181, 255
RGB Percent	80%, 71%, 100%
CMY	0.1961, 0.2902, 0.0000
CMYK	0.20, 0.29, 0.00, 0.00
HSL	259°, 100%, 85%
HSV	259°, 29%, 100%
XYZ	59.7507, 53.2469, 101.7362
YIQ	196.6120, -9.4500, 28.1020

Conversions

Conversions Part 2

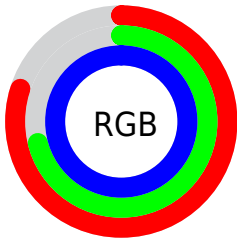
Format	Color
R _Y B	205, 181, 255
Decimal	13481471
CIE Lab	78.02, 23.06, -33.42
CIE LCh	78, 40.605, 304.608
Yxy	53.2469, 0.2783, 0.2480
Android (android.graphics.Color)	4291671551 (0xFFCDB5FF)
YUV	196.6120, 28.7853, 7.3563
Hunter-Lab	72.9705, 18.4636, -31.5834

Details

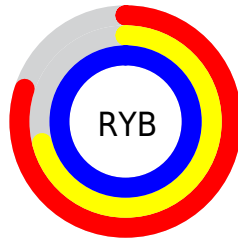
The Hex color **CDB5FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E7FFB5**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFEDFF**, and **9680C6** is the 20% darker color. If you saturate the color by 10%, you get **BC9CFF**, and if you desaturate by 10%, it is **DECFFF**.

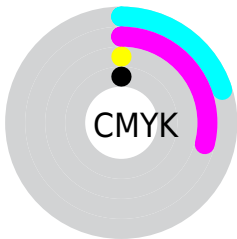
Distribution



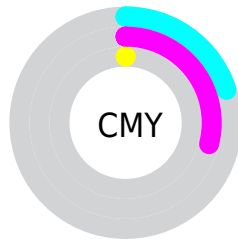
- Red (80%)
- Green (71%)
- Blue (100%)



- Red (80%)
- Yellow (71%)
- Blue (100%)



- Cyan (20%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDB5FF 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 CDB5FF by changing the saturation by 10% instead.

 CDB5FF

 CDB5FF

FFFFFF

 B19AE2

 FFEDFF

 9680C6

 7B67AB

 614F90

 483876

 2F225D

 160D45

 00002E

 000119

 CDB5FF

 CDB5FF

 BC9CFF

 DECFFF

 AB82FF

 EFE8FF

 9969FF

 FFFFFFFF

 884FFF

 7736FF

 661CFF

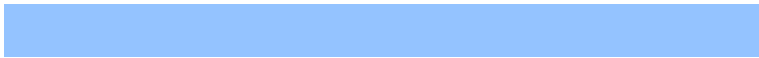
 5403FF

 5300FF

Harmonies

Analogous

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



94C3FF



CDB5FF



F5A9E2

Triad

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



CDB5FF



F4B47E



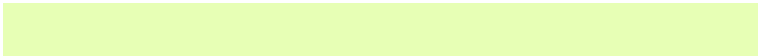
4BD5C6

Complementary

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



CDB5FF



E7FFB5

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.



7ED29F



CDB5FF



D4C175

Square

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



CDB5FF



FFA898



ACCB82



24D4EA

Rectangle

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



CDB5FF



FFA4C9



ACCB82



5DD5B9

Sweetspot

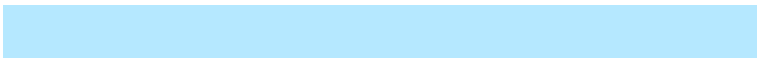
The Sweet Spot groups the original color and five complimentary colors.



CDB5FF



EFE8FF



B5E8FF



767180



000000



808080

Same Dimension

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



CDB5FF



C3A6FF



F1B5FF



777380



3E00BF



150040

Inverse Universe

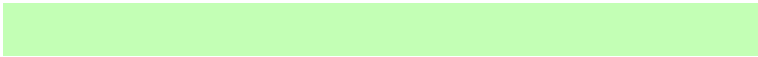
The Inverse Universe completely reimagines the original color for something new.



FFB5E7



FFA6E2



C3FFB5



80737B



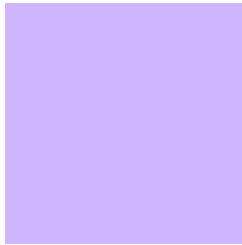
BF0081



40002B

Previews

White Background



This preview shows how the Hex color CDB5FF looks on a white background.

Color Contrast Check

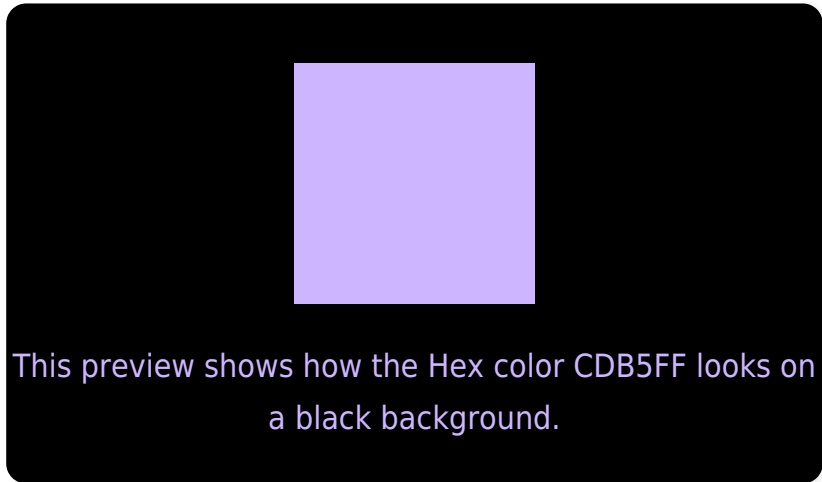
Large Text (above 18pt) WCAG AA × Fail

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

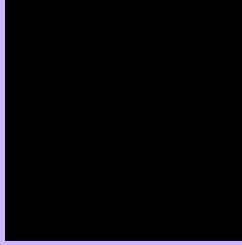
Any Text WCAG AA ✓ Pass

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 CDB5FF Background



This preview shows how black text looks on a background with the Hex color CDB5FF.

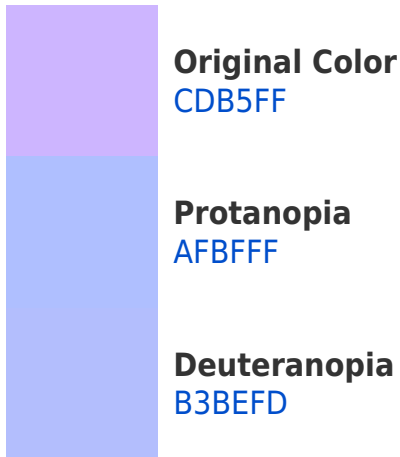


This preview shows how white text looks on a background with the Hex color CDB5FF.

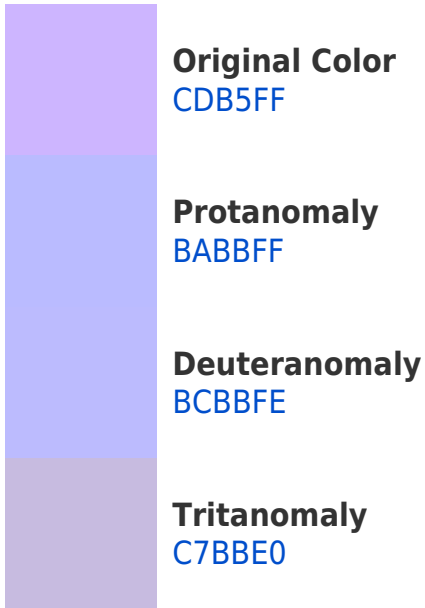
Color Blindness Simulation

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](#).

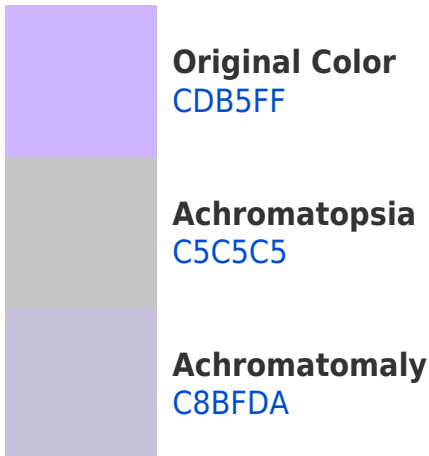
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDB5FF 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 #CDB5FF looks like.

```
.text, #text, p{  
    color:#CDB5FF  
}
```

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 #CDB5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB5FF
}
```

Border

The CSS property to change the border of an element to Hex CDB5FF 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
#CDB5FF }
```

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

```
.border{ border-color:#CDB5FF }
```

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

Here you see how a box with a 4 pixel #CDB5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB5FF; -webkit-box-shadow:4px 4px  
4px 4px #CDB5FF; box-shadow:4px 4px 4px  
4px #CDB5FF }
```

Background

The CSS property to change the background color of an element to Hex CDB5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB5FF }
```

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

```
.background{ background-color:#CDB5FF }
```

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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