

Converting Colors

Hex(D0ABFF)

Have a look what the booklet for
Hex(D0ABFF) contains.

Hex(D0ABFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D0ABFF)

Conversions

Conversions Part 1

Format	Color
Hex	D0ABFF
RGB	208, 171, 255
RGB Percent	82%, 67%, 100%
CMY	0.1843, 0.3294, 0.0000
CMYK	0.18, 0.33, 0.00, 0.00
HSL	266°, 100%, 84%
HSV	266°, 33%, 100%
XYZ	58.6253, 49.7557, 101.1217
YIQ	191.6390, -4.9120, 33.9680

Conversions

Conversions Part 2

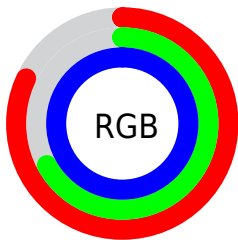
Format	Color
R _Y B	208, 171, 255
Decimal	13675519
CIE Lab	75.92, 29.41, -36.65
CIE LCh	76, 46.993, 308.750
Yxy	49.7557, 0.2798, 0.2375
Android (android.graphics.Color)	4291865599 (0xFFD0ABFF)
YUV	191.6390, 31.2370, 14.3486
Hunter-Lab	70.5377, 24.9139, -35.6207

Details

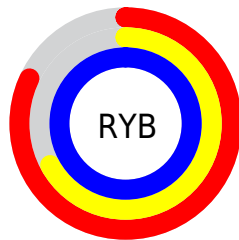
The Hex color **D0ABFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **DAFFAB**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFE3FF**, and **9876C6** is the 20% darker color. If you saturate the color by 10%, you get **C292FF**, and if you desaturate by 10%, it is **DEC4FF**.

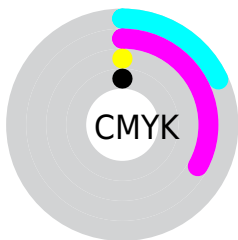
Distribution



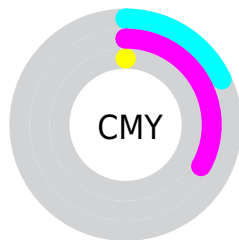
- Red (82%)
- Green (67%)
- Blue (100%)



- Red (82%)
- Yellow (67%)
- Blue (100%)



- Cyan (18%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0ABFF 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 D0ABFF by changing the saturation by 10% instead.

 D0ABFF

 D0ABFF

FFFFFF

 B490E2


 FFE3FF

 9876C6

 7E5DAA

 634590

 4A2E76

 31185D

 170245

 00002E

 000118

 D0ABFF

 D0ABFF

 C292FF

 DEC4FF

 B378FF

 EDDEFF

 A55FFF

 FBF8FF

 9745FF

FFFFFF

 892CFF

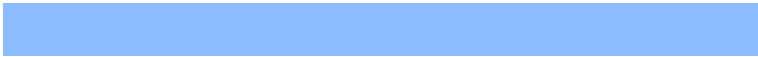
 7A12FF

 7000FF

Harmonies

Analogous

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



8DBBFF



D0ABFF



FB9DDC

Triad

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



D0ABFF



F0AE6A



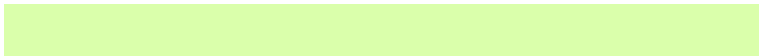
00D2C7

Complementary

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



D0ABFF



DAFFAB

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.



62CF9A



D0ABFF



CABD63

Square

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



D0ABFF



FF9F87



9BC876



00D0F0

Rectangle

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



D0ABFF



FF98BF



9BC876



26D2B8

Sweetspot

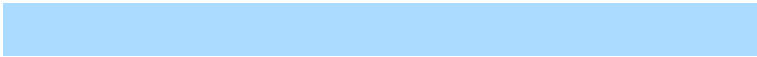
The Sweet Spot groups the original color and five complimentary colors.



D0ABFF



F1E6FF



ABDBFF



777080



000000



808080

Same Dimension

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



D0ABFF



C699FF



F9ABFF



787380



5400BF



1C0040

Inverse Universe

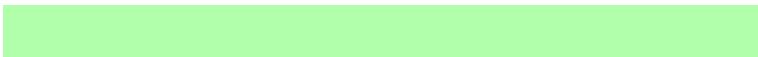
The Inverse Universe completely reimagines the original color for something new.



FFABDA



FF99D2



B1FFAB



80737A



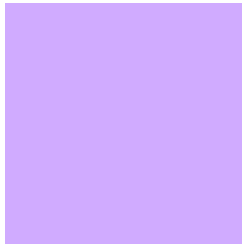
BF006B



400024

Previews

White Background



This preview shows how the Hex color D0ABFF looks on a white background.

Color Contrast Check

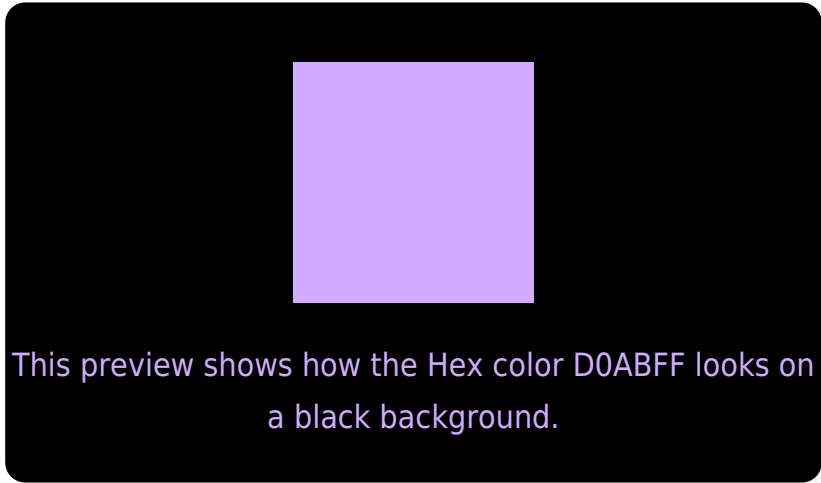
Large Text (above 18pt) WCAG AA × Fail

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 D0ABFF Background



This preview shows how black text looks on a background with the Hex color D0ABFF.

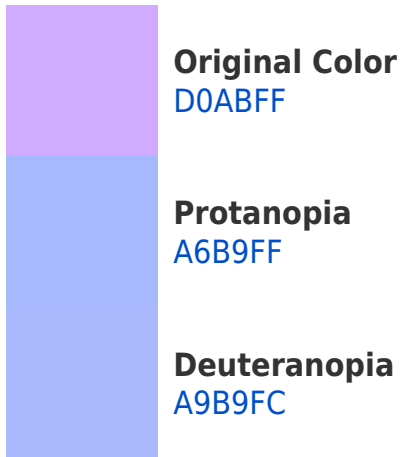


This preview shows how white text looks on a background with the Hex color D0ABFF.

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](#).

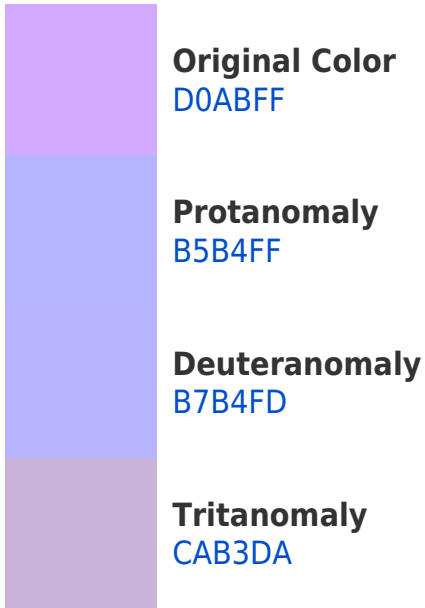
Dichromacy



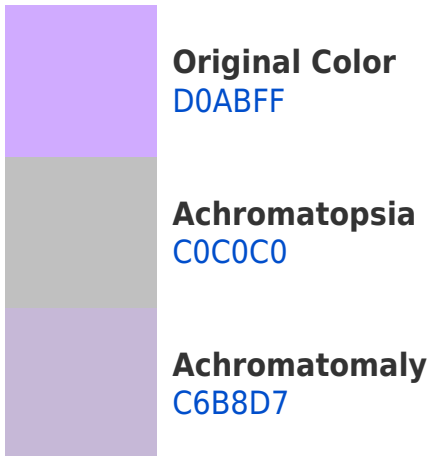


Tritanopia
C6B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0ABFF 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 #D0ABFF looks like.

```
.text, #text, p{  
    color:#D0ABFF  
}
```

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 #D0ABFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0ABFF
}
```

Border

The CSS property to change the border of an element to Hex D0ABFF 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
#D0ABFF }
```

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

```
.border{ border-color:#D0ABFF }
```

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

Here you see how a box with a 4 pixel #D0ABFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0ABFF; -webkit-box-shadow:4px 4px  
4px 4px #D0ABFF; box-shadow:4px 4px 4px  
4px #D0ABFF }
```

Background

The CSS property to change the background color of an element to Hex D0ABFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0ABFF }
```

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

```
.background{ background-color:#D0ABFF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor