

Converting Colors

Hex(DB76FF)

Have a look what the booklet for
Hex(DB76FF) contains.

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Color

Hex(DB76FF)

Conversions

Conversions Part 1

Format	Color
Hex	DB76FF
RGB	219, 118, 255
RGB Percent	86%, 46%, 100%
CMY	0.1412, 0.5373, 0.0000
CMYK	0.14, 0.54, 0.00, 0.00
HSL	284°, 100%, 73%
HSV	284°, 54%, 100%
XYZ	53.7419, 35.2369, 98.5766
YIQ	163.8170, 16.2190, 64.0190

Conversions

Conversions Part 2

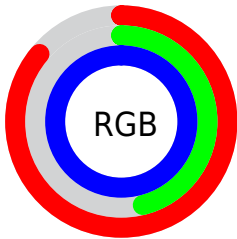
Format	Color
R _Y B	219, 118, 255
Decimal	14382847
CIE Lab	65.93, 60.30, -52.22
CIE LCh	66, 79.763, 319.108
Yxy	35.2369, 0.2865, 0.1879
Android (android.graphics.Color)	4292572927 (0xFFDB76FF)
YUV	163.8170, 44.9532, 48.3955
Hunter-Lab	59.3607, 57.7226, -56.9067

Details

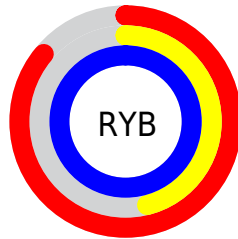
The Hex color **DB76FF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **9AFF76**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFAEFF**, and **A13FC6** is the 20% darker color. If you saturate the color by 10%, you get **D45DFF**, and if you desaturate by 10%, it is **E290FF**.

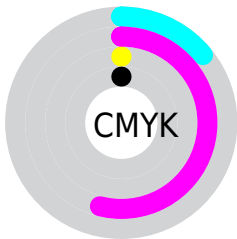
Distribution



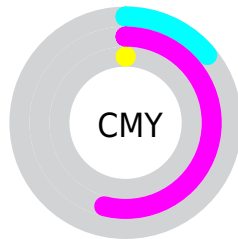
- Red (86%)
- Green (46%)
- Blue (100%)



- Red (86%)
- Yellow (46%)
- Blue (100%)



- Cyan (14%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB76FF 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 DB76FF by changing the saturation by 10% instead.

 DB76FF

 DB76FF

FFFFFF

 BE5BE2

 FFAEFF

 A13FC6

 FFCAFF

 8521AA

 FFE7FF

 69008F

 4E0075

 32005B

 160043

 00032B

 000116

 DB76FF

 DB76FF

 D45DFF

 E290FF

 CE43FF

 E8A9FF

 C72AFF

 EFC3FF

 C010FF

 F6DCFF

 BC00FF

 FDF6FF

 FFFFFFFF

Harmonies

Analogous

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



5E99FF



DB76FF



FF55BD

Triad

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



DB76FF



D69400



00C0CD

Complementary

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



DB76FF



9AFF76

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.



00BF83



DB76FF



95AB00

Square

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



DB76FF



FF7433



30B839



00BDFF

Rectangle

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



DB76FF



FF508E



30B839



00C0B5

Sweetspot

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



DB76FF



F4D6FF



769BFF



796780



000000



808080

Same Dimension

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



DB76FF



D45CFF



FF76DF



7C7380



8D00BF



2F0040

Inverse Universe

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



FF769A



FF5C87



76FF96



807376



BF0032



400011

Previews

White Background



This preview shows how the Hex color DB76FF looks on a white background.

Color Contrast Check

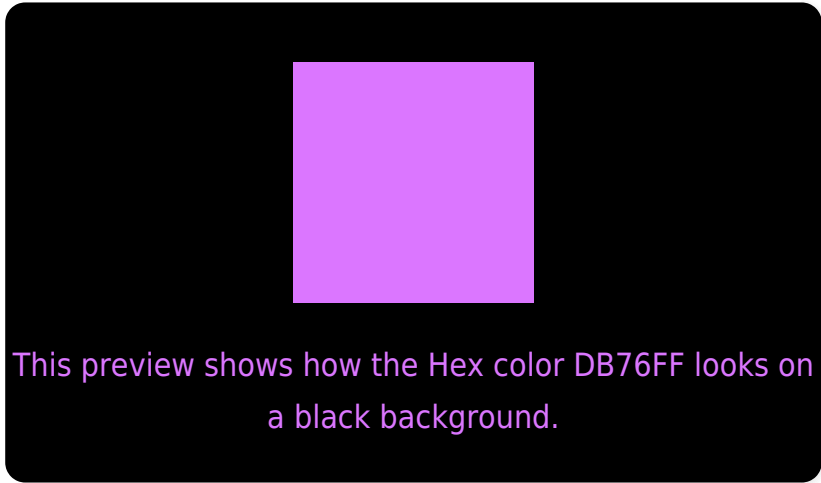
Large Text (above 18pt) WCAG AA × Fail

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

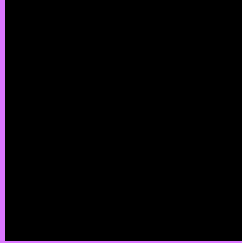
Any Text WCAG AA ✓ Pass

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 DB76FF Background



This preview shows how black text looks on a background with the Hex color DB76FF.

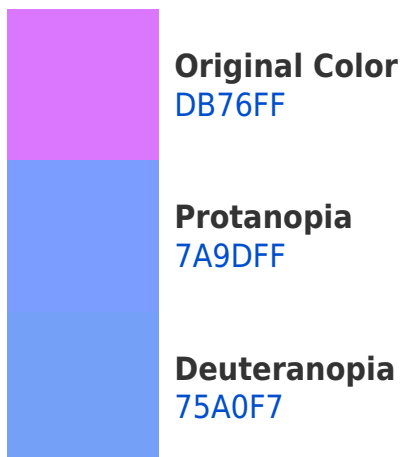


This preview shows how white text looks on a background with the Hex color DB76FF.

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](#).

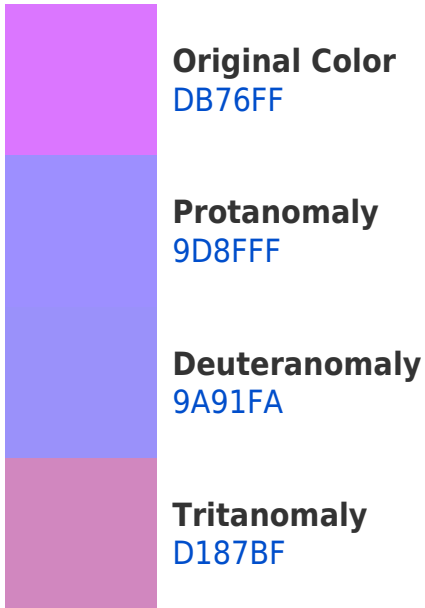
Dichromacy



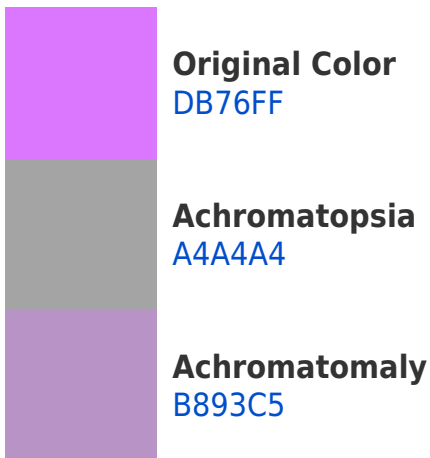


Tritanopia
CC909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB76FF 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 #DB76FF looks like.

```
.text, #text, p{  
    color:#DB76FF  
}
```

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 #DB76FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB76FF
}
```

Border

The CSS property to change the border of an element to Hex DB76FF 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
#DB76FF }
```

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

```
.border{ border-color:#DB76FF }
```

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

Here you see how a box with a 4 pixel #DB76FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB76FF; -webkit-box-shadow:4px 4px  
4px 4px #DB76FF; box-shadow:4px 4px 4px  
4px #DB76FF }
```

Background

The CSS property to change the background color of an element to Hex DB76FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB76FF }
```

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

```
.background{ background-color:#DB76FF }
```

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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