

Converting Colors

Hex(DB5DFF)

Have a look what the booklet for
Hex(DB5DFF) contains.

Hex(DB5DFF)	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(DB5DFF)

Conversions

Conversions Part 1

Format	Color
Hex	DB5DFF
RGB	219, 93, 255
RGB Percent	86%, 36%, 100%
CMY	0.1412, 0.6353, 0.0000
CMYK	0.14, 0.64, 0.00, 0.00
HSL	287°, 100%, 68%
HSV	287°, 64%, 100%
XYZ	51.1778, 30.1088, 97.7219
YIQ	149.1420, 23.0940, 77.0940

Conversions

Conversions Part 2

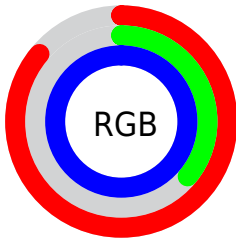
Format	Color
R _{YB}	219, 93, 255
Decimal	14376447
CIE Lab	61.75, 71.65, -58.87
CIE LCh	62, 92.734, 320.593
Yxy	30.1088, 0.2859, 0.1682
Android (android.graphics.Color)	4292566527 (0xFFDB5DFF)
YUV	149.1420, 52.1880, 61.2655
Hunter-Lab	54.8715, 70.4592, -67.1810

Details

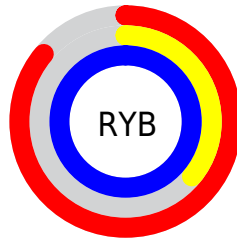
The Hex color **DB5DFF** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **81FF5D**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FF96FF**, and **A01BC5** is the 20% darker color. If you saturate the color by 10%, you get **D543FF**, and if you desaturate by 10%, it is **E177FF**.

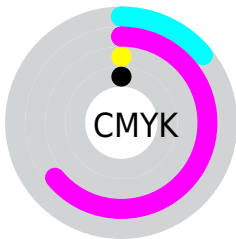
Distribution



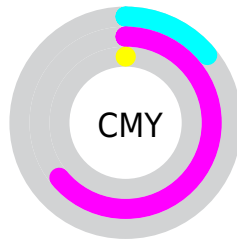
- Red (86%)
- Green (36%)
- Blue (100%)



- Red (86%)
- Yellow (36%)
- Blue (100%)



- Cyan (14%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB5DFF 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 DB5DFF by changing the saturation by 10% instead.

 DB5DFF

 DB5DFF

FFFFFF

 BD3FE2

 FF96FF

 A01BC5

 FFB3FF

 8300AA

 FFD0FF

 67008E

 FFE0FF

 4A0074

 2F005B

 0A0042

 00032B

 000115

 DB5DFF

 DB5DFF

 D543FF

 E177FF

 D02AFF

 E690FF

 CA10FF

 ECAAFF

 C600FF

 F2C3FF

 F7DDFF

 FDF6FF

FFFFFF

Harmonies

Analogous

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



328BFF



DB5DFF



FF1CB3

Triad

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



DB5DFF



CA8900



00B8CD

Complementary

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



DB5DFF



81FF5D

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.



00B678



DB5DFF



7FA200

Square

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



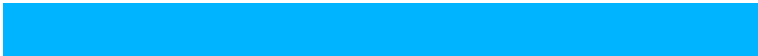
DB5DFF



FF5F00



00B015



00B4FF

Rectangle

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



DB5DFF



FF0A7C



00B015



00B8B1

Sweetspot

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



DB5DFF



F4CFFF



5D83FF



796280



000000



808080

Same Dimension

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



DB5DFF



D43DFF



FF5DD4



7D7380



9500BF



320040

Inverse Universe

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



FF5D81



FF3D68



5DFF88



807376



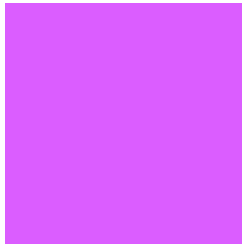
BF002B



40000E

Previews

White Background



This preview shows how the Hex color DB5DFF looks on a white background.

Color Contrast Check

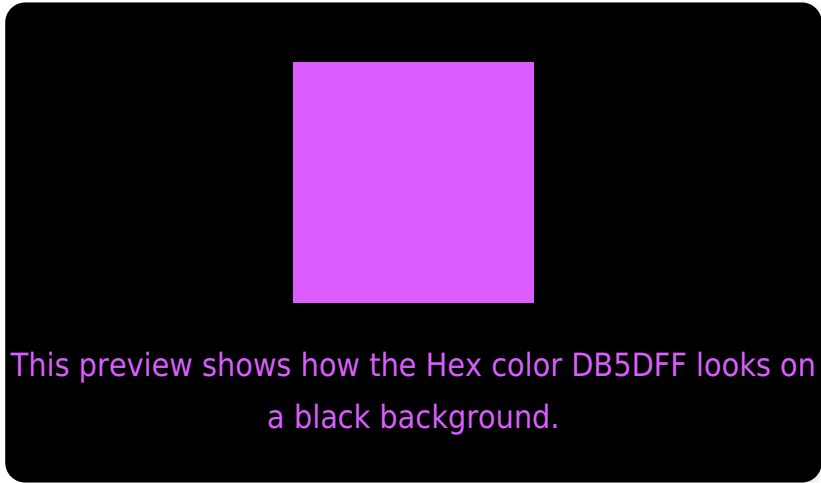
Large Text (above 18pt) WCAG AA × Fail

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

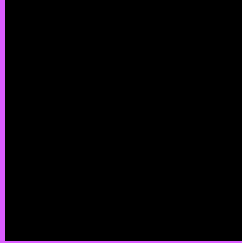
Any Text WCAG AA ✓ Pass

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 DB5DFF Background



This preview shows how black text looks on a background with the Hex color DB5DFF.



This preview shows how white text looks on a background with the Hex color DB5DFF.

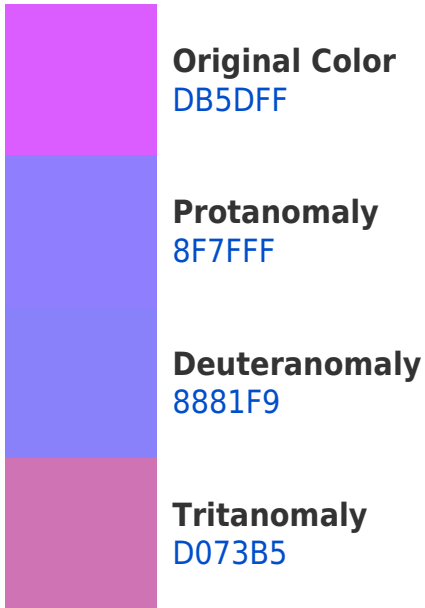
Color Blindness Simulation

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 DB5DFF 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 #DB5DFF looks like.

```
.text, #text, p{  
    color:#DB5DFF  
}
```

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 #DB5DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB5DFF
}
```

Border

The CSS property to change the border of an element to Hex DB5DFF 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
#DB5DFF }
```

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

```
.border{ border-color:#DB5DFF }
```

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

Here you see how a box with a 4 pixel #DB5DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB5DFF; -webkit-box-shadow:4px 4px  
4px 4px #DB5DFF; box-shadow:4px 4px 4px  
4px #DB5DFF }
```

Background

The CSS property to change the background color of an element to Hex DB5DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB5DFF }
```

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

```
.background{ background-color:#DB5DFF }
```

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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