

# Converting Colors

Hex(DB5FD8)

Have a look what the booklet for  
Hex(DB5FD8) contains.

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# Color

Hex(DB5FD8)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB5FD8
RGB	219, 95, 216
RGB Percent	86%, 37%, 85%
CMY	0.1412, 0.6275, 0.1529
CMYK	0.00, 0.57, 0.01, 0.14
HSL	301°, 63%, 62%
HSV	301°, 57%, 86%
XYZ	45.7003, 28.2024, 68.0007
YIQ	145.8700, 35.0630, 63.9190

# Conversions

## Conversions Part 2

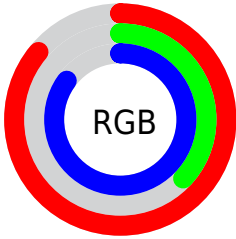
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 95, 216
Decimal	14376920
CIE <sub>Lab</sub>	60.07, 63.82, -39.80
CIE <sub>LCh</sub>	60, 75.209, 328.051
Yxy	28.2024, 0.3221, 0.1987
Android (android.graphics.Color)	4292567000 (0xFFDB5FD8)
YUV	145.8700, 34.5741, 64.1350
Hunter-Lab	53.1059, 60.6729, -38.7451

# Details

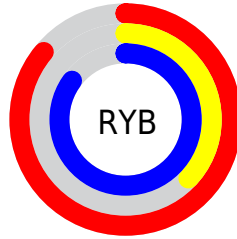
The Hex color **DB5FD8** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5FDB62**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF97FF**, and **A122A1** is the 20% darker color. If you saturate the color by 10%, you get **DB49D7**, and if you desaturate by 10%, it is **DB75D9**.

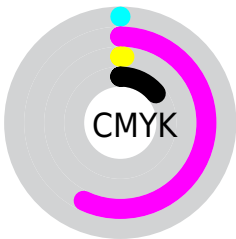
# Distribution



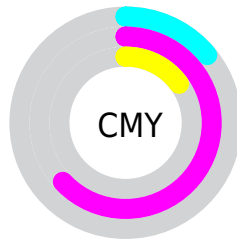
- Red (86%)
- Green (37%)
- Blue (85%)



- Red (86%)
- Yellow (37%)
- Blue (85%)



- Cyan (0%)
- Magenta (57%)
- Yellow (1%)
- Black (14%)



- Cyan (14%)
- Magenta (63%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB5FD8 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 DB5FD8 by changing the saturation by 10% instead.



 DB5FD8

 DB5FD8

FFFFFF

 BE42BC

 FF97FF

 A122A1

 FFB4FF

 850086

 FFD1FF

 69006C

 FFEEFF

 4E0053

 36003C

 160025

 00010D

 000000

 DB5FD8

 DB5FD8

 DB49D7

 DB75D9

 DB33D7

 DB8BD9

 DB1DD6

 DBA1DA

 DB07D6

 DBB7DA

 DB00D6

 DBCCDB

 DBE2DB

 DBF8DC

 DBFFDC

 DBFFDD

# Harmonies

## Analogous

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



8281FF



DB5FD8



FF4598

# Triad

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



DB5FD8



B28C00



00AECE

# Complementary

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



DB5FD8



5FDB62

# 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.



00AE8A



DB5FD8



719F00

# Square

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



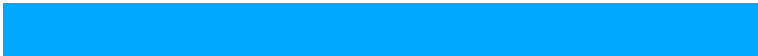
DB5FD8



E37115



00A945



00A9FF

# Rectangle

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



DB5FD8



FF496C



00A945



00AEB8



# Sweetspot

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



DB5FD8



FFD4FE



615FDB



80667F



000000



808080



# Same Dimension

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



DB5FD8



FF52FB



DB5F9B



6E636D



AD00A9



2E002D



# Inverse Universe

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



DB5FD8



FF52FB



5FDB9F



6E636D



AD00A9



2E002D



# Previews

## White Background



This preview shows how the Hex color DB5FD8 looks on a white background.

## Color Contrast Check

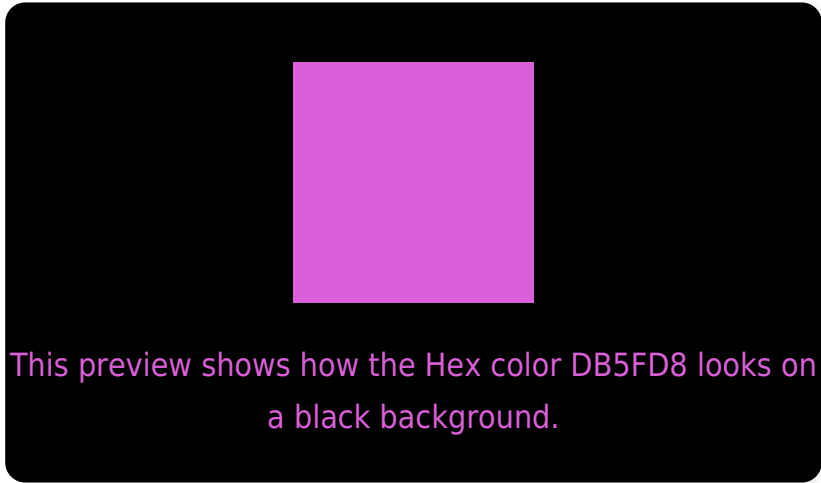
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DB5FD8 Background



This preview shows how black text looks on a background with the Hex color DB5FD8.

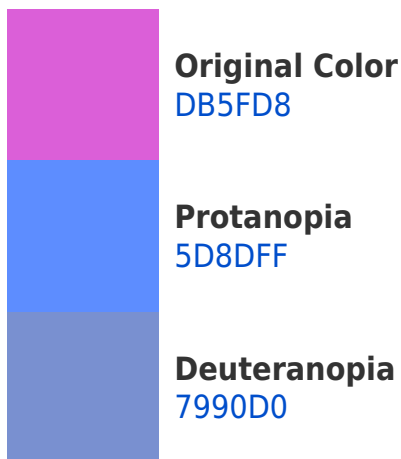


This preview shows how white text looks on a background with the Hex color DB5FD8.

# 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**  
D0767F

# Trichromacy



**Original Color**  
DB5FD8



**Protanomaly**  
8B7CF1



**Deuteranomaly**  
9D7ED3



**Tritanomaly**  
D46E9F

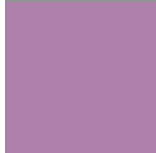
# Monochromacy



**Original Color**  
DB5FD8



**Achromatopsia**  
929292



**Achromatomaly**  
AD7FAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB5FD8 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 #DB5FD8 looks like.

```
.text, #text, p{  
    color:#DB5FD8  
}
```

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 #DB5FD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB5FD8  
}
```

## Border

The CSS property to change the border of an element to Hex DB5FD8 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  
#DB5FD8 }
```

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

```
.border{ border-color:#DB5FD8 }
```

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

Here you see how a box with a 4 pixel #DB5FD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB5FD8; -webkit-box-shadow:4px 4px  
4px 4px #DB5FD8; box-shadow:4px 4px 4px  
4px #DB5FD8 }
```

# Background

The CSS property to change the background color of an element to Hex DB5FD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB5FD8 }
```

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

```
.background{ background-color:#DB5FD8 }
```

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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