

Converting Colors

Hex(DB4FD7)

Have a look what the booklet for
Hex(DB4FD7) contains.

| | |
|--|----|
| Hex(DB4FD7) | 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(DB4FD7)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DB4FD7 |
| RGB | 219, 79, 215 |
| RGB Percent | 86%, 31%, 84% |
| CMY | 0.1412, 0.6902, 0.1569 |
| CMYK | 0.00, 0.64, 0.02, 0.14 |
| HSL | 302°, 66%, 58% |
| HSV | 302°, 64%, 86% |
| XYZ | 44.2751, 25.5583, 66.8897 |
| YIQ | 136.3640, 39.7840, 71.9760 |

Conversions

Conversions Part 2

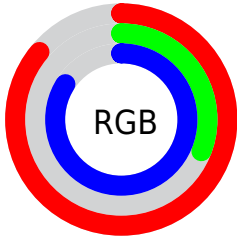
| Format | Color |
|-------------------------------------|--|
| RYB | 219, 79, 215 |
| Decimal | 14372823 |
| CIELab | 57.62, 70.29, -43.10 |
| CIELCh | 58, 82.446, 328.486 |
| Yxy | 25.5583, 0.3238, 0.1869 |
| Android (android.graphics.Color) | 4292562903 (0xFFDB4FD7) |
| YUV | 136.3640, 38.7675, 72.4718 |
| Hunter-Lab | 50.5552, 67.8546, -43.0580 |

Details

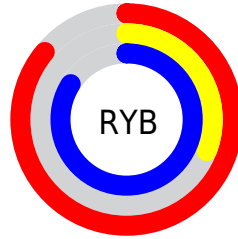
The Hex color **DB4FD7** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **4FDB53**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF89FF**, and **A000A0** is the 20% darker color. If you saturate the color by 10%, you get **DB39D6**, and if you desaturate by 10%, it is **DB65D8**.

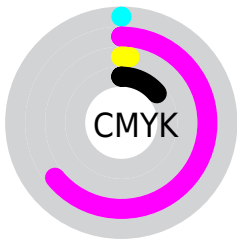
Distribution



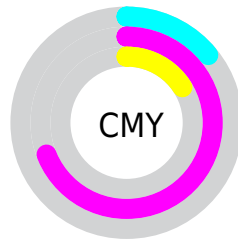
- Red (86%)
- Green (31%)
- Blue (84%)



- Red (86%)
- Yellow (31%)
- Blue (84%)



- Cyan (0%)
- Magenta (64%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (69%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB4FD7 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 DB4FD7 by changing the saturation by 10% instead.

 DB4FD7

FFFFFF

 FF89FF

 FFA6FF

 FFC3FF

 FFE0FF

FFFEFF

 DB4FD7

 BD2FBB

 A000A0

 840085

 68006B

 4C0052

 33003B

 100024

 00000B

 000000

 DB4FD7

 DB4FD7

 DB39D6

 DB65D8

 DB23D6

 DB7BD8

 DB0DD5

 DB91D9

 DB00D5

 DBA7DA

 DBBDDA

 DBD2DB

 DBE8DB

 DBFEDC

 DBFFDD

Harmonies

Analogous

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



7879FF



DB4FD7



FF2891

Triad

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



DB4FD7



AB8600



00A9CE

Complementary

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



DB4FD7



4FDB53

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.



00A984



DB4FD7



639A00

Square

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



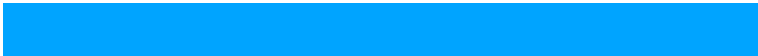
DB4FD7



E06700



00A438



00A4FF

Rectangle

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



DB4FD7



FF3062



00A438



00A9B6

Sweetspot

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



DB4FD7



FFCFFE



514FDB



80627F



000000



808080

Same Dimension

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



DB4FD7



FF3BF9



DB4F93



6E636D



AD00A8



2E002D

Inverse Universe

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



DB4FD7



FF3BF9



4FDB97



6E636D



AD00A8



2E002D

Previews

White Background



This preview shows how the Hex color DB4FD7 looks on a white background.

Color Contrast Check

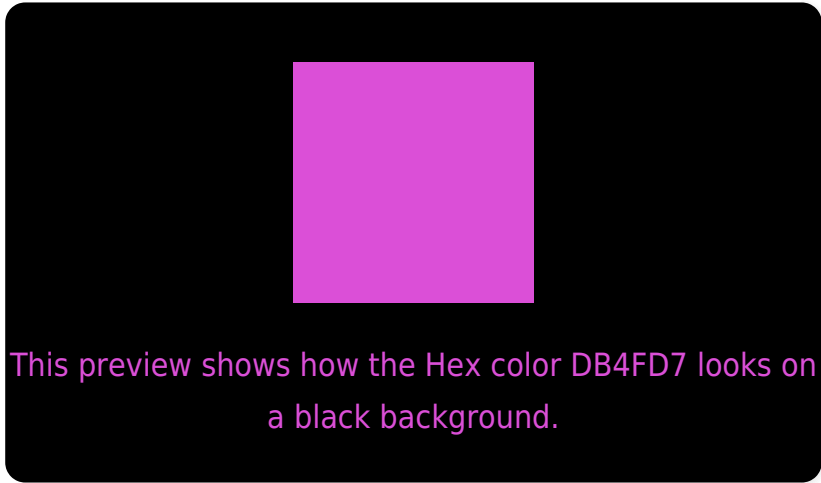
Large Text (above 18pt) WCAG AA ✓ Pass

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

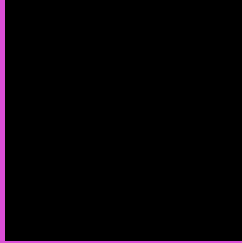
Any Text WCAG AA ✓ Pass

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 DB4FD7 Background



This preview shows how black text looks on a background with the Hex color DB4FD7.

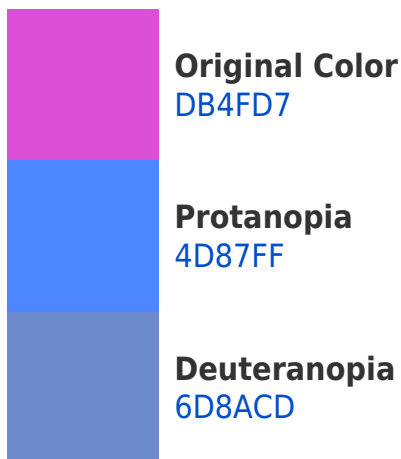



This preview shows how white text looks on a background with the Hex color DB4FD7.

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](#).

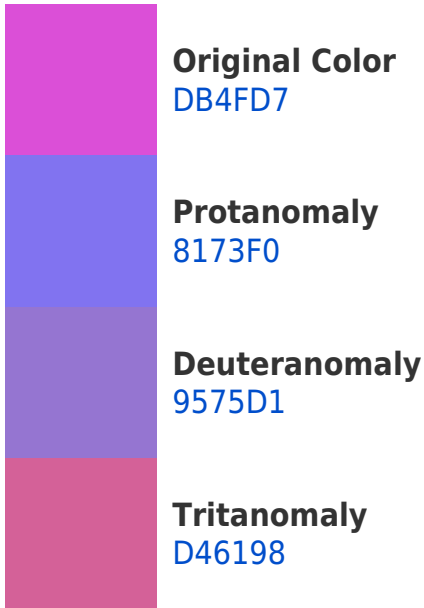
Dichromacy



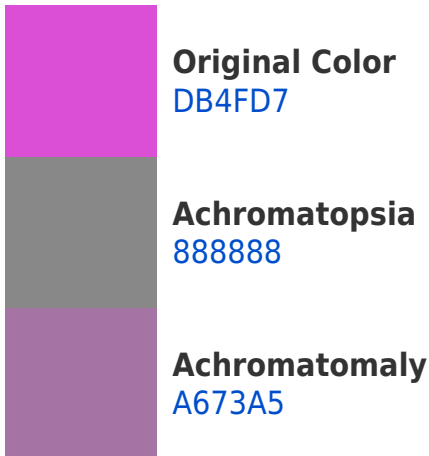


Tritanopia
D06C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB4FD7 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 #DB4FD7 looks like.

```
.text, #text, p{  
    color:#DB4FD7  
}
```

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 #DB4FD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4FD7
}
```

Border

The CSS property to change the border of an element to Hex DB4FD7 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
#DB4FD7 }
```

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

```
.border{ border-color:#DB4FD7 }
```

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

Here you see how a box with a 4 pixel #DB4FD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4FD7; -webkit-box-shadow:4px 4px  
4px 4px #DB4FD7; box-shadow:4px 4px 4px  
4px #DB4FD7 }
```

Background

The CSS property to change the background color of an element to Hex DB4FD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4FD7 }
```

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

```
.background{ background-color:#DB4FD7 }
```

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