

Converting Colors

Hex(DB7AF6)

Have a look what the booklet for
Hex(DB7AF6) contains.

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Color

Hex(DB7AF6)

Conversions

Conversions Part 1

Format	Color
Hex	DB7AF6
RGB	219, 122, 246
RGB Percent	86%, 48%, 96%
CMY	0.1412, 0.5216, 0.0353
CMYK	0.11, 0.50, 0.00, 0.04
HSL	287°, 87%, 72%
HSV	287°, 50%, 96%
XYZ	52.8075, 35.6330, 91.2834
YIQ	165.1390, 18.0080, 59.1280

Conversions

Conversions Part 2

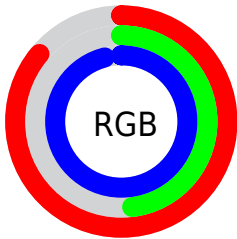
Format	Color
R _Y B	219, 122, 246
Decimal	14383862
CIE Lab	66.24, 56.57, -46.79
CIE LCh	66, 73.415, 320.402
Yxy	35.6330, 0.2938, 0.1983
Android (android.graphics.Color)	4292573942 (0xFFDB7AF6)
YUV	165.1390, 39.8645, 47.2361
Hunter-Lab	59.6933, 53.4460, -48.8812

Details

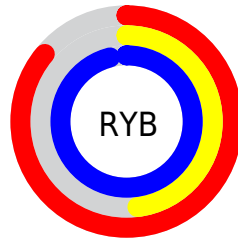
The Hex color **DB7AF6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **95F67A**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFB1FF**, and **A144BD** is the 20% darker color. If you saturate the color by 10%, you get **D661F6**, and if you desaturate by 10%, it is **E093F6**.

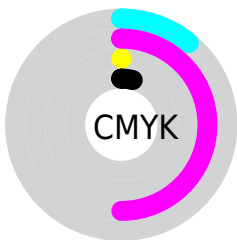
Distribution



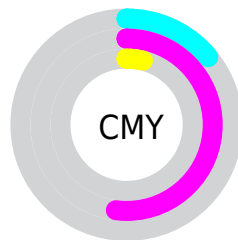
- Red (86%)
- Green (48%)
- Blue (96%)



- Red (86%)
- Yellow (48%)
- Blue (96%)



- Cyan (11%)
- Magenta (50%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (52%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB7AF6 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 DB7AF6 by changing the saturation by 10% instead.

 DB7AF6

FFFFFF

 FFB1FF

 FFCEFF

 FFE8FF

 DB7AF6

 BE5FD9

 A144BD

 8628A2

 6A0087

 4F006D

 340054

 1B003C

 000225

 00010E

 DB7AF6

 DB7AF6

 D661F6

 E093F6

 D049F6

 E6ABF6

 CB30F6

 EBC4F6

 C618F6

 F0DCF6

 C000F6

 F6F5F6

 FBFFF6

 FFFFF6

Harmonies

Analogous

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



7399FF



DB7AF6



FF60B9

Triad

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



DB7AF6



D29600



00BFCD

Complementary

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



DB7AF6



95F67A

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.



00BE89



DB7AF6



95AB00

Square

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



DB7AF6



FF7A3B



3CB846



00BBFF

Rectangle

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



DB7AF6



FF5C8D



3CB846



00BFB7

Sweetspot

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



DB7AF6



F7D9FF



7A97F6



7B6980



000000



808080

Same Dimension

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



DB7AF6



DE66FF



F67AD5



786E7A



9200BA



2E003B

Inverse Universe

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



F67A95



FF6687



7AF69B



7A6E71



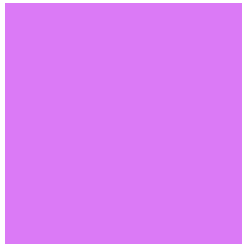
BA0029



3B000D

Previews

White Background



This preview shows how the Hex color DB7AF6 looks on a white background.

Color Contrast Check

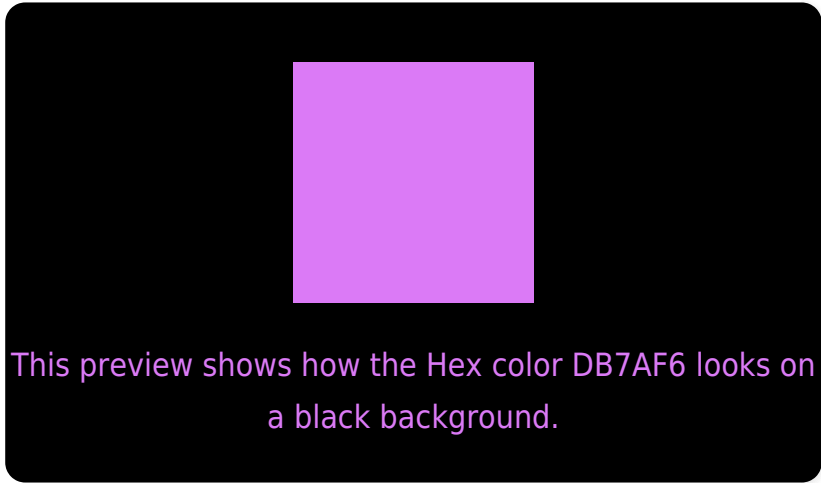
Large Text (above 18pt) WCAG AA × Fail

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 DB7AF6 Background



This preview shows how black text looks on a background with the Hex color DB7AF6.

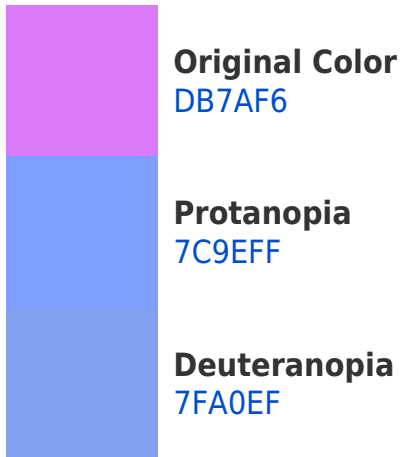


This preview shows how white text looks on a background with the Hex color DB7AF6.

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](#).

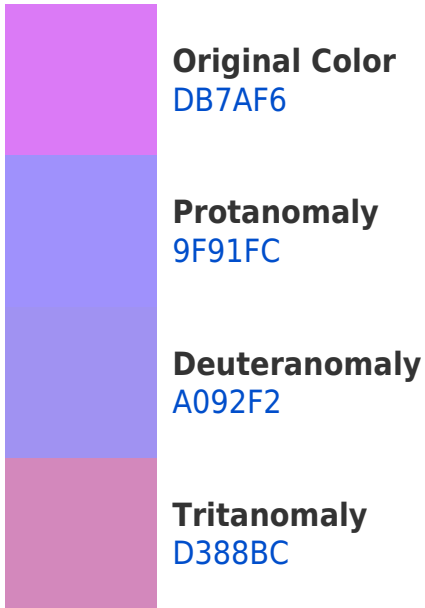
Dichromacy



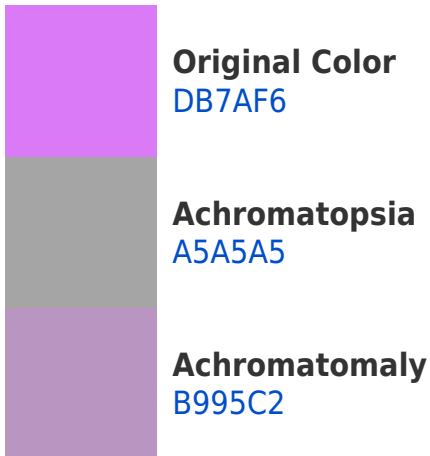


Tritanopia
CE909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB7AF6 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 #DB7AF6 looks like.

```
.text, #text, p{  
    color:#DB7AF6  
}
```

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 #DB7AF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB7AF6
}
```

Border

The CSS property to change the border of an element to Hex DB7AF6 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
#DB7AF6 }
```

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

```
.border{ border-color:#DB7AF6 }
```

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

Here you see how a box with a 4 pixel #DB7AF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB7AF6; -webkit-box-shadow:4px 4px  
4px 4px #DB7AF6; box-shadow:4px 4px 4px  
4px #DB7AF6 }
```

Background

The CSS property to change the background color of an element to Hex DB7AF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB7AF6 }
```

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

```
.background{ background-color:#DB7AF6 }
```

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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