

Converting Colors

Hex(DB6AD7)

Have a look what the booklet for
Hex(DB6AD7) contains.

Hex(DB6AD7)	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(DB6AD7)

Conversions

Conversions Part 1

Format	Color
Hex	DB6AD7
RGB	219, 106, 215
RGB Percent	86%, 42%, 84%
CMY	0.1412, 0.5843, 0.1569
CMYK	0.00, 0.52, 0.02, 0.14
HSL	302°, 61%, 64%
HSV	302°, 52%, 86%
XYZ	46.6332, 30.2744, 67.6757
YIQ	152.2130, 32.3590, 57.8550

Conversions

Conversions Part 2

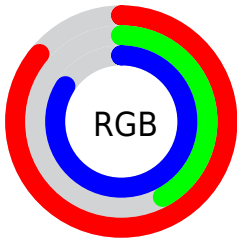
Format	Color
R _Y B	219, 106, 215
Decimal	14379735
CIE Lab	61.89, 58.62, -36.39
CIE LCh	62, 68.998, 328.171
Yxy	30.2744, 0.3225, 0.2094
Android (android.graphics.Color)	4292569815 (0xFFDB6AD7)
YUV	152.2130, 30.9540, 58.5722
Hunter-Lab	55.0222, 54.9960, -34.4094

Details

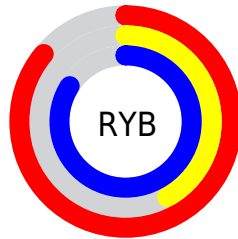
The Hex color **DB6AD7** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6ADB6E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA1FF**, and **A132A0** is the 20% darker color. If you saturate the color by 10%, you get **DB54D6**, and if you desaturate by 10%, it is **DB80D8**.

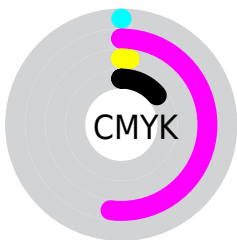
Distribution



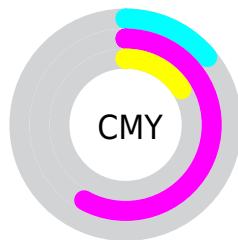
- Red (86%)
- Green (42%)
- Blue (84%)



- Red (86%)
- Yellow (42%)
- Blue (84%)



- Cyan (0%)
- Magenta (52%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB6AD7 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 DB6AD7 by changing the saturation by 10% instead.

 DB6AD7

 DB6AD7

FFFFFF

 BE4EBB

 FFA1FF

 A132A0

 FFBEFF

 850E85

 FFDBFF

 6A006C

 FFF8FF

 4F0053

 37003B

 1A0025

 00000C

 000000

 DB6AD7

 DB6AD7

 DB54D6

 DB80D8

 DB3ED5

 DB96D9

 DB28D5

 DBACD9

 DB12D4

 DBC2DA

 DB00D3

 DBD8DB

 DBEDDC

 DBFFDC

 DBFFDD

 DBFFDE

Harmonies

Analogous

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



8C87FF



DB6AD7



FE569C

Triad

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



DB6AD7



B69100



00B1CE

Complementary

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



DB6AD7



6ADB6E

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.



00B190



DB6AD7



7AA314

Square

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



DB6AD7



E47929



00AD51



00ACFD

Rectangle

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



DB6AD7



FF5973



00AD51



00B2BA

Sweetspot

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



DB6AD7



FFD9FE



6E6ADB



80697F



000000



808080

Same Dimension

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



DB6AD7



FF61F9



DB6A9F



6E636D



AD00A7



2E002C

Inverse Universe

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



DB6AD7



FF61F9



6ADBA6



6E636D



AD00A7



2E002C

Previews

White Background



This preview shows how the Hex color DB6AD7 looks on a white background.

Color Contrast Check

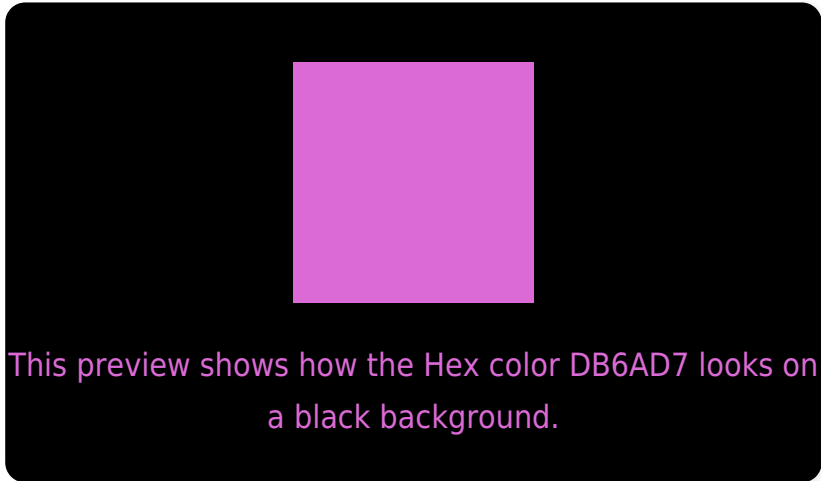
Large Text (above 18pt) WCAG AA × Fail

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

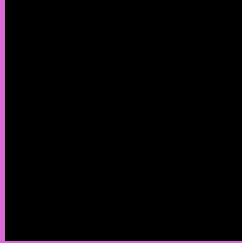
Any Text WCAG AA ✓ Pass

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 DB6AD7 Background



This preview shows how black text looks on a background with the Hex color DB6AD7.




This preview shows how white text looks on a background with the Hex color DB6AD7.

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](#).

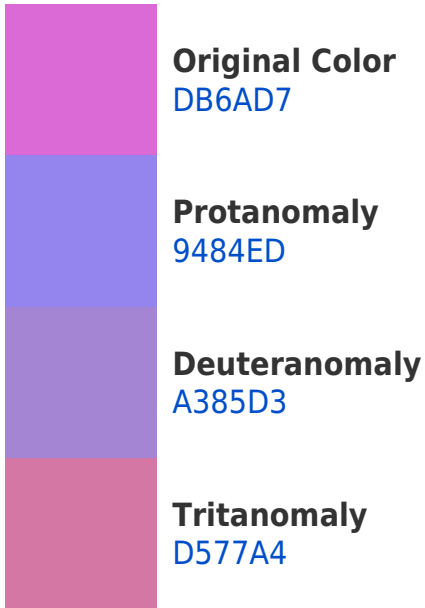
Dichromacy



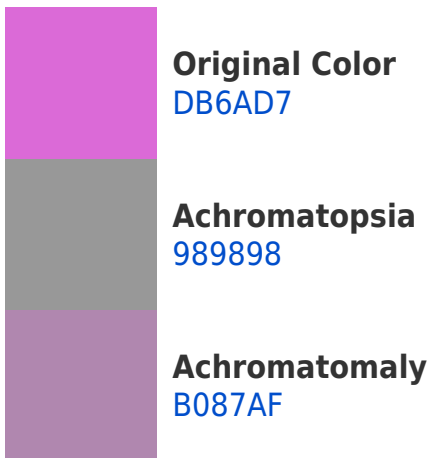


Tritanopia
D17E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB6AD7 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 #DB6AD7 looks like.

```
.text, #text, p{  
    color:#DB6AD7  
}
```

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 #DB6AD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB6AD7
}
```

Border

The CSS property to change the border of an element to Hex DB6AD7 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
#DB6AD7 }
```

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

```
.border{ border-color:#DB6AD7 }
```

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

Here you see how a box with a 4 pixel #DB6AD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB6AD7; -webkit-box-shadow:4px 4px  
4px 4px #DB6AD7; box-shadow:4px 4px 4px  
4px #DB6AD7 }
```

Background

The CSS property to change the background color of an element to Hex DB6AD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB6AD7 }
```

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

```
.background{ background-color:#DB6AD7 }
```

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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