

Converting Colors

Hex(DB6AD3)

Have a look what the booklet for
Hex(DB6AD3) contains.

| | |
|--|----|
| Hex(DB6AD3) | 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(DB6AD3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DB6AD3 |
| RGB | 219, 106, 211 |
| RGB Percent | 86%, 42%, 83% |
| CMY | 0.1412, 0.5843, 0.1725 |
| CMYK | 0.00, 0.52, 0.04, 0.14 |
| HSL | 304°, 61%, 64% |
| HSV | 304°, 52%, 86% |
| XYZ | 46.1253, 30.0713, 65.0013 |
| YIQ | 151.7570, 33.6430, 56.6110 |

Conversions

Conversions Part 2

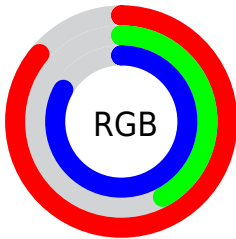
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 219, 106, 211 |
| Decimal | 14379731 |
| CIE _{Lab} | 61.72, 57.94, -34.41 |
| CIE _{LCh} | 62, 67.386, 329.293 |
| Yxy | 30.0713, 0.3267, 0.2130 |
| Android (android.graphics.Color) | 4292569811 (0xFFDB6AD3) |
| YUV | 151.7570, 29.2068, 58.9721 |
| Hunter-Lab | 54.8373, 54.1765, -31.8932 |

Details

The Hex color **DB6AD3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6ADB72**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFA1FF**, and **A1329C** is the 20% darker color. If you saturate the color by 10%, you get **DB54D1**, and if you desaturate by 10%, it is **DB80D5**.

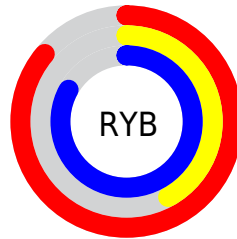
Distribution



Red (86%)

Green (42%)

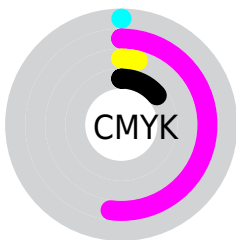
Blue (83%)



Red (86%)

Yellow (42%)

Blue (83%)

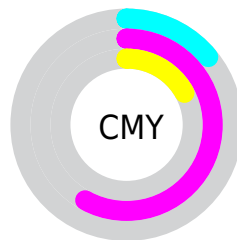


Cyan (0%)

Magenta (52%)

Yellow (4%)

Black (14%)



Cyan (14%)

Magenta (58%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB6AD3 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 DB6AD3 by changing the saturation by 10% instead.

 DB6AD3

 DB6AD3

FFFFFF

 BE4FB7

 FFA1FF

 A1329C

 FFBEFF

 860E82

 FFDAFF

 6A0068

 FFF8FF

 4F0050

 370038

 1A0022

 000007

 000000

 DB6AD3

 DB6AD3

 DB54D1

 DB80D5

 DB3ED0

 DB96D6

 DB28CE

 DBACD8

 DB12CD

 DBC2D9

 DB00CB

 DBD8DB

 DBEDDC

 DBFFDE

 DBFFDF

 DBFFE1

Harmonies

Analogous

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



9086FE



DB6AD3



FC5899

Triad

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



DB6AD3



B39200



00B0CE

Complementary

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



DB6AD3



6ADB72

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.



00B092



DB6AD3



78A21C

Square

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



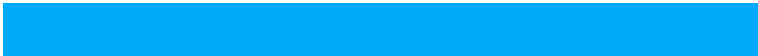
DB6AD3



E17A2A



00AC54



00AAFB

Rectangle

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



DB6AD3



FF5B71



00AC54



00B1BB

Sweetspot

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



DB6AD3



FFD9FC



726ADB



80697E



000000



808080

Same Dimension

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



DB6AD3



FF61F4



DB6A9B



6E636D



AD00A1



2E002B

Inverse Universe

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



DB6AD3



FF61F4



6ADBAA



6E636D



AD00A1



2E002B

Previews

White Background



This preview shows how the Hex color DB6AD3 looks on a white background.

Color Contrast Check

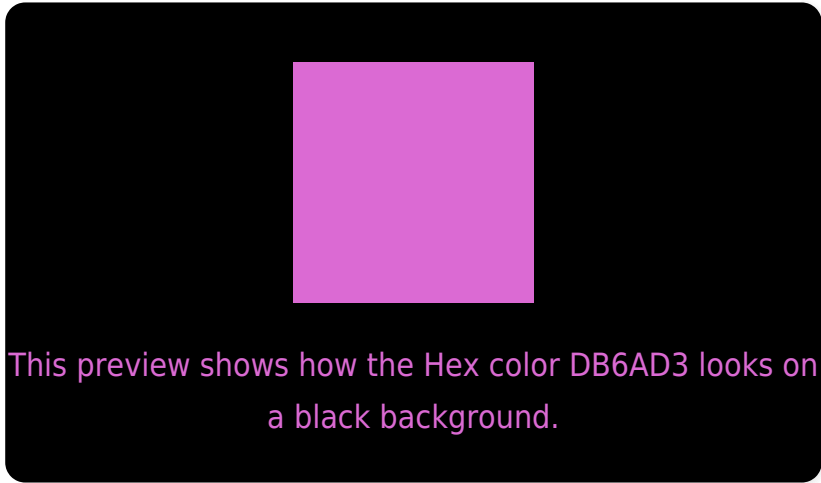
Large Text (above 18pt) WCAG AA × Fail

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

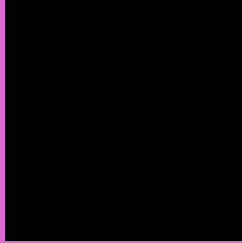
Any Text WCAG AA ✓ Pass

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 DB6AD3 Background



This preview shows how black text looks on a background with the Hex color DB6AD3.

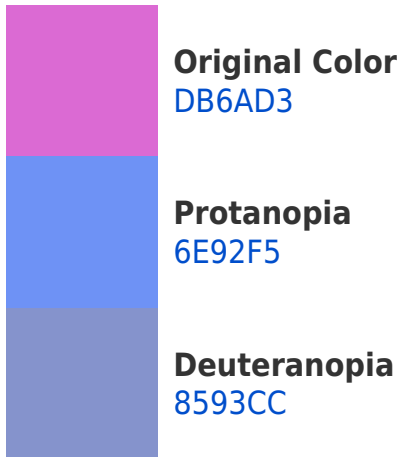


This preview shows how white text looks on a background with the Hex color DB6AD3.

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
D27D86

Trichromacy



Original Color
DB6AD3



Protanomaly
9683E9



Deuteranomaly
A484CF



Tritanomaly
D576A2

Monochromacy



Original Color
DB6AD3



Achromatopsia
989898



Achromatomaly
B087AD

CSS Examples

Text

The CSS property to change the color of the text to Hex DB6AD3 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 #DB6AD3 looks like.

```
.text, #text, p{  
    color:#DB6AD3  
}
```

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 #DB6AD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB6AD3
}
```

Border

The CSS property to change the border of an element to Hex DB6AD3 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
#DB6AD3 }
```

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

```
.border{ border-color:#DB6AD3 }
```

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

Here you see how a box with a 4 pixel #DB6AD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB6AD3; -webkit-box-shadow:4px 4px  
4px 4px #DB6AD3; box-shadow:4px 4px 4px  
4px #DB6AD3 }
```

Background

The CSS property to change the background color of an element to Hex DB6AD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB6AD3 }
```

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

```
.background{ background-color:#DB6AD3 }
```

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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