

Converting Colors

Hex(DB67E6)

Have a look what the booklet for
Hex(DB67E6) contains.

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Color

Hex(DB67E6)

Conversions

Conversions Part 1

Format	Color
Hex	DB67E6
RGB	219, 103, 230
RGB Percent	86%, 40%, 90%
CMY	0.1412, 0.5961, 0.0980
CMYK	0.05, 0.55, 0.00, 0.10
HSL	295°, 72%, 65%
HSV	295°, 55%, 90%
XYZ	48.3466, 30.4737, 78.1968
YIQ	152.1620, 28.3690, 64.0890

Conversions

Conversions Part 2

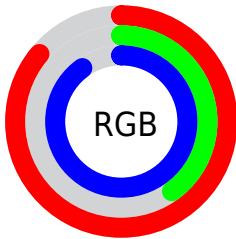
Format	Color
R _Y B	219, 103, 230
Decimal	14378982
CIE _{Lab}	62.06, 62.66, -44.52
CIE _{LCh}	62, 76.863, 324.608
Y _{xy}	30.4737, 0.3079, 0.1941
Android (android.graphics.Color)	4292569062 (0xFFDB67E6)
YUV	152.1620, 38.3741, 58.6169
Hunter-Lab	55.2030, 59.7243, -45.3440

Details

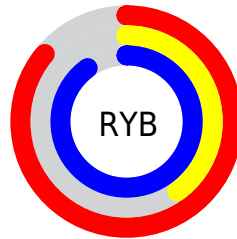
The Hex color **DB67E6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **72E667**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FF9FFF**, and **A12DAE** is the 20% darker color. If you saturate the color by 10%, you get **D950E6**, and if you desaturate by 10%, it is **DD7EE6**.

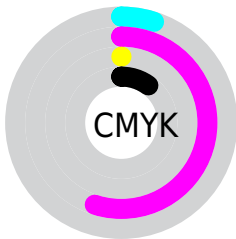
Distribution



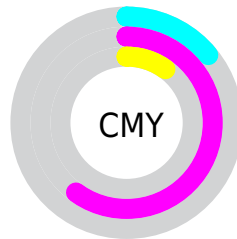
- Red (86%)
- Green (40%)
- Blue (90%)



- Red (86%)
- Yellow (40%)
- Blue (90%)



- Cyan (5%)
- Magenta (55%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (60%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB67E6 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 DB67E6 by changing the saturation by 10% instead.

 DB67E6

 DB67E6

FFFFFF

 BE4BCA

 FF9FFF

 A12DAE

 FFBBFF

 850193

 FFD8FF

 690079

 FFF6FF

 4E005F

 350047

 180030

 00011A

 000000

 DB67E6

 DB67E6

 D950E6

 DD7EE6

 D739E6

 DF95E6

 D522E6

 E1ACE6

 D30BE6

 E3C3E6

 D200E6

 E5DAE6

 E7F1E6

 E9FFE6

 EBFEE6

 EDFFE6

Harmonies

Analogous

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



7789FF



DB67E6



FF4AA5

Triad

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



DB67E6



BF8F00



00B4CD

Complementary

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



DB67E6



72E667

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.



00B487



DB67E6



7EA300

Square

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



DB67E6



F07120



00AE40



00B0FF

Rectangle

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



DB67E6



FF4A78



00AE40



00B5B6

Sweetspot

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



DB67E6



FBD4FF



6774E6



7D6680



000000



808080

Same Dimension

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



DB67E6



F057FF



E667B3



726773



A300B3



2F0033

Inverse Universe

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



E66772



FF5765



67E69A



736768



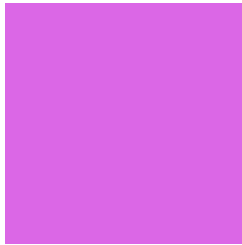
B3000F



330004

Previews

White Background



This preview shows how the Hex color DB67E6 looks on a white background.

Color Contrast Check

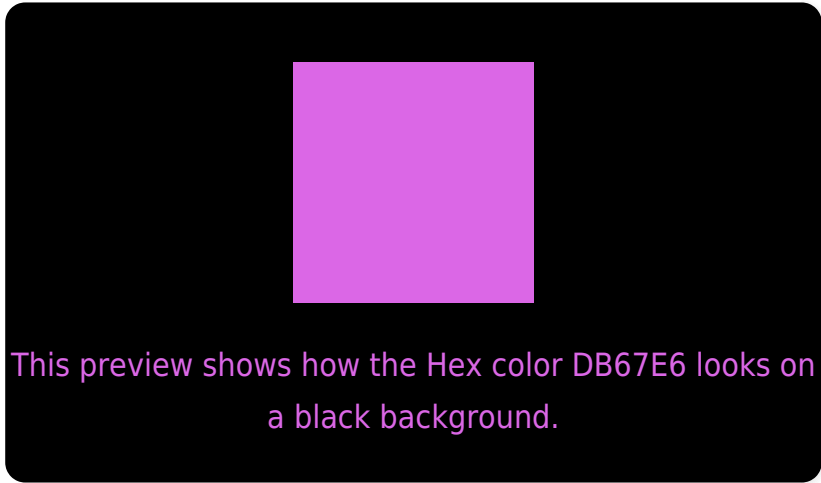
Large Text (above 18pt) WCAG AA × Fail

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 DB67E6 Background



This preview shows how black text looks on a background with the Hex color DB67E6.

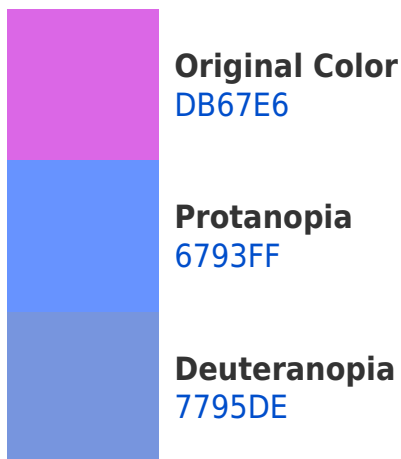


This preview shows how white text looks on a background with the Hex color DB67E6.

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
CF7F89

Trichromacy



Original Color
DB67E6



Protanomaly
9183F6



Deuteranomaly
9B84E1



Tritanomaly
D376AB

Monochromacy



Original Color
DB67E6



Achromatopsia
989898



Achromatomaly
B086B4

CSS Examples

Text

The CSS property to change the color of the text to Hex DB67E6 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 #DB67E6 looks like.

```
.text, #text, p{  
    color:#DB67E6  
}
```

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 #DB67E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB67E6
}
```

Border

The CSS property to change the border of an element to Hex DB67E6 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
#DB67E6 }
```

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

```
.border{ border-color:#DB67E6 }
```

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

Here you see how a box with a 4 pixel #DB67E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB67E6; -webkit-box-shadow:4px 4px  
4px 4px #DB67E6; box-shadow:4px 4px 4px  
4px #DB67E6 }
```

Background

The CSS property to change the background color of an element to Hex DB67E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB67E6 }
```

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

```
.background{ background-color:#DB67E6 }
```

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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