

Converting Colors

Hex(DB07E6)

Have a look what the booklet for
Hex(DB07E6) contains.

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Color

Hex(DB07E6)

Conversions

Conversions Part 1

Format	Color
Hex	DB07E6
RGB	219, 7, 230
RGB Percent	86%, 3%, 90%
CMY	0.1412, 0.9725, 0.0980
CMYK	0.05, 0.97, 0.00, 0.10
HSL	297°, 94%, 46%
HSV	297°, 97%, 90%
XYZ	43.5723, 20.9252, 76.6054
YIQ	95.8100, 54.7690, 114.2970

Conversions

Conversions Part 2

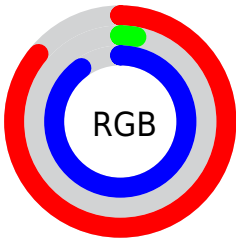
Format	Color
RYB	219, 7, 230
Decimal	14354406
CIELab	52.87, 88.69, -59.14
CIELCh	53, 106.601, 326.302
Yxy	20.9252, 0.3088, 0.1483
Android (android.graphics.Color)	4292544486 (0xFFDB07E6)
YUV	95.8100, 66.1557, 108.0376
Hunter-Lab	45.7441, 89.9734, -67.2692

Details

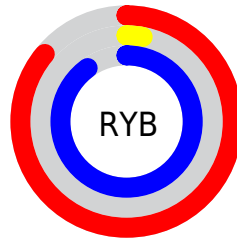
The Hex color **DB07E6** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **12E607**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF63FF**, and **9F00AD** is the 20% darker color. If you saturate the color by 10%, you get **DB00E6**, and if you desaturate by 10%, it is **DC1EE6**.

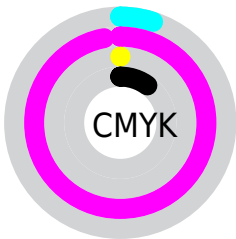
Distribution



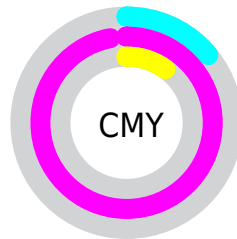
- Red (86%)
- Green (3%)
- Blue (90%)



- Red (86%)
- Yellow (3%)
- Blue (90%)



- Cyan (5%)
- Magenta (97%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (97%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB07E6 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 DB07E6 by changing the saturation by 10% instead.

 DB07E6

 DB07E6

FFFFFF

 BD00C9

 FF63FF

 9F00AD

 FF82FF

 810092

 FFA1FF

 640078

 FF8FFF

 48005E

 FFDEFF

 290045

 FFFCFF

 00002E

 000118

 000000

 DB07E6

 DB07E6

 DB00E6

 DC1EE6

 DD35E6

 DE4CE6

 E063E6

 E17AE6

 E291E6

 E3A8E6

 E4BFE6

 E5D6E6

Harmonies

Analogous

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



206BFF



DB07E6



FF008E

Triad

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



DB07E6



A37700



00A1CE

Complementary

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



DB07E6



12E607

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.



00A070



DB07E6



469000

Square

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



DB07E6



E64500



009B00



009EFF

Rectangle

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



DB07E6



FF0052



009B00



00A1B0

Sweetspot

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



DB07E6



FBB5FF



0712E6



7D5380



000000



808080

Same Dimension

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



DB07E6



F200FF



E60782



726773



AA00B3



300033

Inverse Universe

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



E60712



FF000D



07E66B



736768



B30009



330003

Previews

White Background



This preview shows how the Hex color DB07E6 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 DB07E6 Background



This preview shows how black text looks on a background with the Hex color DB07E6.

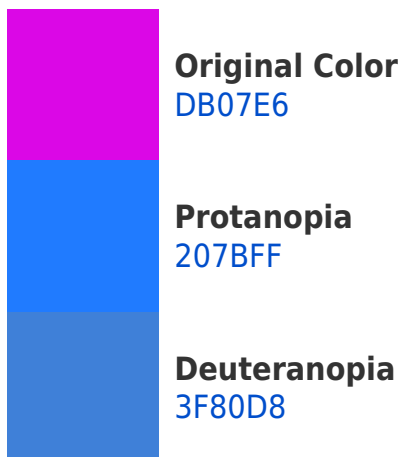


This preview shows how white text looks on a background with the Hex color DB07E6.

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



Trichromacy



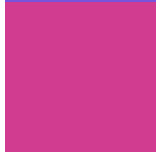
Original Color
DB07E6



Protanomaly
6451F6



Deuteranomaly
7854DD



Tritanomaly
D13C91

Monochromacy



Original Color
DB07E6



Achromatopsia
606060



Achromatomaly
8D4091

CSS Examples

Text

The CSS property to change the color of the text to Hex DB07E6 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 #DB07E6 looks like.

```
.text, #text, p{  
    color:#DB07E6  
}
```

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 #DB07E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB07E6
}
```

Border

The CSS property to change the border of an element to Hex DB07E6 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
#DB07E6 }
```

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

```
.border{ border-color:#DB07E6 }
```

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

Here you see how a box with a 4 pixel #DB07E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB07E6; -webkit-box-shadow:4px 4px  
4px 4px #DB07E6; box-shadow:4px 4px 4px  
4px #DB07E6 }
```

Background

The CSS property to change the background color of an element to Hex DB07E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB07E6 }
```

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

```
.background{ background-color:#DB07E6 }
```

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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