

Converting Colors

Hex(DB5EC8)

Have a look what the booklet for
Hex(DB5EC8) contains.

Hex(DB5EC8)	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(DB5EC8)

Conversions

Conversions Part 1

Format	Color
Hex	DB5EC8
RGB	219, 94, 200
RGB Percent	86%, 37%, 78%
CMY	0.1412, 0.6314, 0.2157
CMYK	0.00, 0.57, 0.09, 0.14
HSL	309°, 63%, 61%
HSV	309°, 57%, 86%
XYZ	43.6414, 27.2356, 57.6004
YIQ	143.4590, 40.4740, 59.4660

Conversions

Conversions Part 2

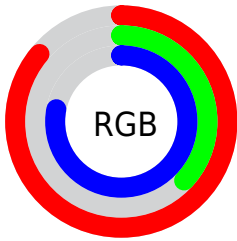
Format	Color
R _Y B	219, 94, 200
Decimal	14376648
CIE Lab	59.19, 61.63, -32.11
CIE LCh	59, 69.497, 332.480
Yxy	27.2356, 0.3397, 0.2120
Android (android.graphics.Color)	4292566728 (0xFFDB5EC8)
YUV	143.4590, 27.8747, 66.2495
Hunter-Lab	52.1877, 57.9402, -28.9079

Details

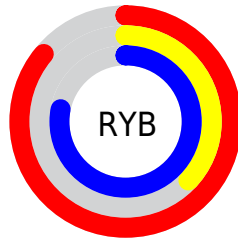
The Hex color **DB5EC8** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5EDB71**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF96FF**, and **A12292** is the 20% darker color. If you saturate the color by 10%, you get **DB48C5**, and if you desaturate by 10%, it is **DB74CB**.

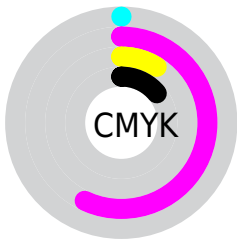
Distribution



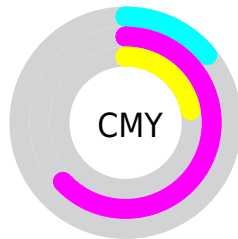
- Red (86%)
- Green (37%)
- Blue (78%)



- Red (86%)
- Yellow (37%)
- Blue (78%)



- Cyan (0%)
- Magenta (57%)
- Yellow (9%)
- Black (14%)



- Cyan (14%)
- Magenta (63%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB5EC8 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 DB5EC8 by changing the saturation by 10% instead.

 DB5EC8

 DB5EC8

FFFFFF

 BE41AC

 FF96FF

 A12292

 FFB2FF

 850078

 FFCFFF

 69005F

 FFE0FF

 4E0046

 360030

 14001A

 000000

 DB5EC8

 DB5EC8

 DB48C5

 DB74CB

 DB32C1

 DB8ACF

 DB1CBE

 DBA0D2

 DB06BB

 DBB6D5

 DB00BA

 DBCCD9

 DBE1DC

 DBF7DF

 DBFFE3

 DBFFE6

Harmonies

Analogous

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



937CF6



DB5EC8



F94D8C

Triad

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



DB5EC8



A68D00



00A9CF

Complementary

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



DB5EC8



5EDB71

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.



00AA92



DB5EC8



689D12

Square

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



DB5EC8



D67617



00A653



00A3FB

Rectangle

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



DB5EC8



F95364



00A653



00AABC

Sweetspot

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



DB5EC8



FFD4F8



715EDB



80667C



000000



808080

Same Dimension

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



DB5EC8



FF52E5



DB5E8A



6E636C



AD0093



2E0027

Inverse Universe

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



DB5EC8



FF52E5



5EDBAF



6E636C



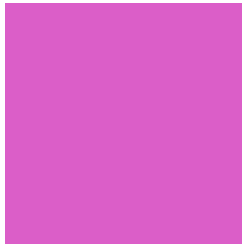
AD0093



2E0027

Previews

White Background



This preview shows how the Hex color DB5EC8 looks on a white background.

Color Contrast Check

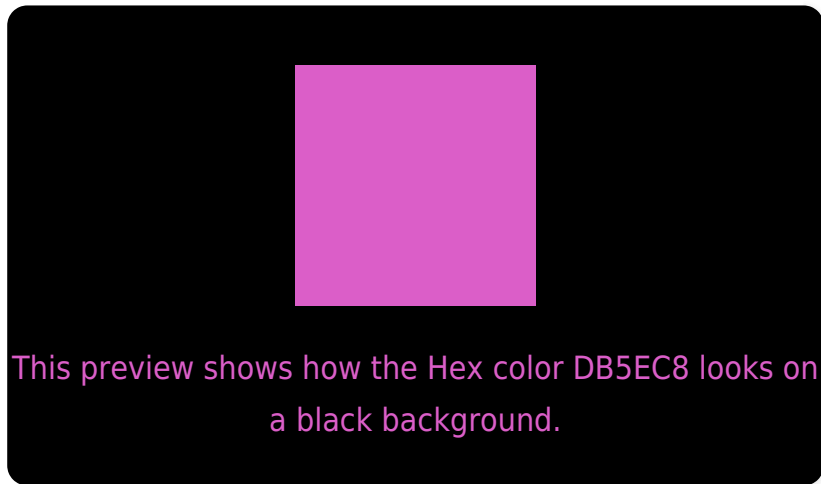
Large Text (above 18pt) WCAG AA ✓ Pass

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

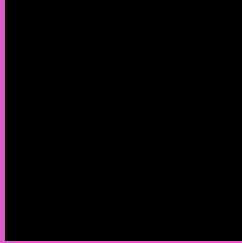
Any Text WCAG AA ✓ Pass

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 DB5EC8 Background



This preview shows how black text looks on a background with the Hex color DB5EC8.

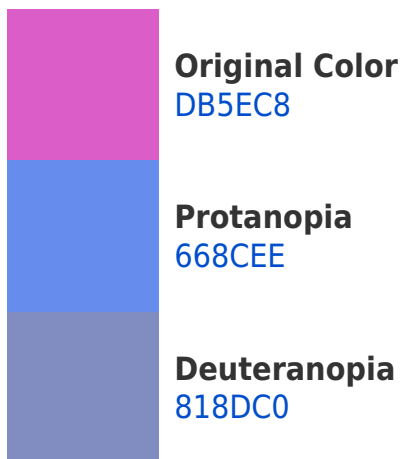



This preview shows how white text looks on a background with the Hex color DB5EC8.

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



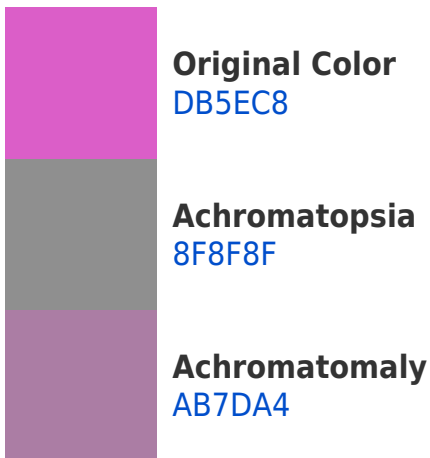


Tritanopia
D2727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB5EC8 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 #DB5EC8 looks like.

```
.text, #text, p{  
    color:#DB5EC8  
}
```

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 #DB5EC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB5EC8
}
```

Border

The CSS property to change the border of an element to Hex DB5EC8 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
#DB5EC8 }
```

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

```
.border{ border-color:#DB5EC8 }
```

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

Here you see how a box with a 4 pixel #DB5EC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB5EC8; -webkit-box-shadow:4px 4px  
4px 4px #DB5EC8; box-shadow:4px 4px 4px  
4px #DB5EC8 }
```

Background

The CSS property to change the background color of an element to Hex DB5EC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB5EC8 }
```

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

```
.background{ background-color:#DB5EC8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor