

Converting Colors

Hex(DB5C89)

Have a look what the booklet for
Hex(DB5C89) contains.

Hex(DB5C89)	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(DB5C89)

Conversions

Conversions Part 1

Format	Color
Hex	DB5C89
RGB	219, 92, 137
RGB Percent	86%, 36%, 54%
CMY	0.1412, 0.6392, 0.4627
CMYK	0.00, 0.58, 0.37, 0.14
HSL	339°, 64%, 61%
HSV	339°, 58%, 86%
XYZ	37.5559, 24.5205, 26.4204
YIQ	135.1030, 61.2470, 40.9190

Conversions

Conversions Part 2

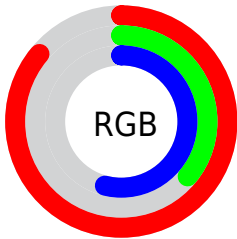
Format	Color
R_{YB}	219, 92, 137
Decimal	14376073
CIE _{Lab}	56.61, 53.95, 0.44
CIE _{LCh}	57, 53.950, 0.463
Yxy	24.5205, 0.4244, 0.2771
Android (android.graphics.Color)	4292566153 (0xFFDB5C89)
YUV	135.1030, 0.9352, 73.5777
Hunter-Lab	49.5182, 48.7224, 3.0285

Details

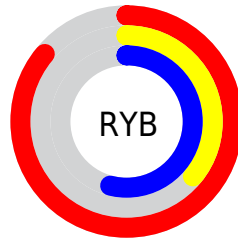
The Hex color **DB5C89** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **5CDBAE**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF93BE**, and **A02257** is the 20% darker color. If you saturate the color by 10%, you get **DB467B**, and if you desaturate by 10%, it is **DB7297**.

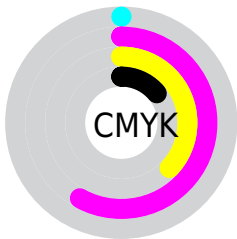
Distribution



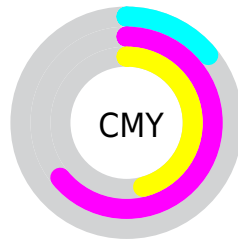
- Red (86%)
- Green (36%)
- Blue (54%)



- Red (86%)
- Yellow (36%)
- Blue (54%)



- Cyan (0%)
- Magenta (58%)
- Yellow (37%)
- Black (14%)



- Cyan (14%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB5C89 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 DB5C89 by changing the saturation by 10% instead.

 DB5C89

 DB5C89

FFFFFF

 BD4070

 FF93BE

 A02257

 FFAFDA

 830040

 FFCCF6

 67002A

 FFE9FF

 4B0016

 310002

 000000

 DB5C89

 DB5C89

 DB467B

 DB7297

 DB306D

 DB88A5

 DB1A5F

 DB9EB3

 DB0450

 DBB4C2

 DB004E

 DBCAD0

 DBDFDE

 DBF5EC

 DBFFFA

 DBFFFF

Harmonies

Analogous

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



C167B7



DB5C89



DA625B

Triad

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



DB5C89



719330



0098D9

Complementary

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



DB5C89



5CDBAE

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.



009EB6



DB5C89



299B57

Square

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



DB5C89



A08621



009E87



008DE6

Rectangle

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



DB5C89



CE6E40



009E87



009BCF

Sweetspot

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



DB5C89



FFD4E3



AC5CDB



80666F



000000



808080

Same Dimension

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



DB5C89



FF4D8C



DB6D5C



6E6367



AD003D



2E0010

Inverse Universe

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



DB5C89



FF4D8C



5CCADB



6E6367



AD003D



2E0010

Previews

White Background



This preview shows how the Hex color DB5C89 looks on a white background.

Color Contrast Check

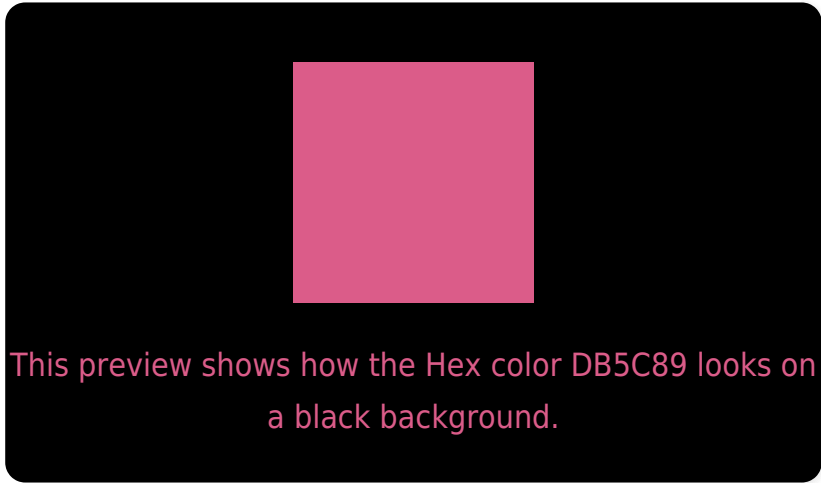
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB5C89 Background



This preview shows how black text looks on a background with the Hex color DB5C89.

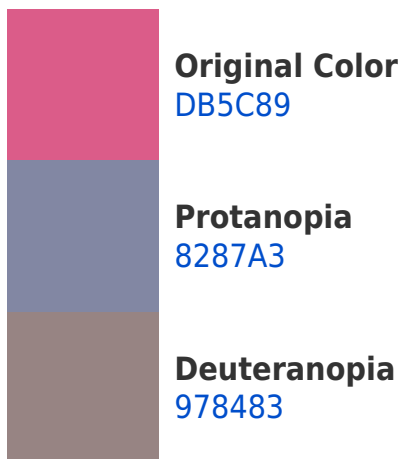


This preview shows how white text looks on a background with the Hex color DB5C89.

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
D96269

Trichromacy



Original Color
DB5C89



Protanomaly
A2779A



Deuteranomaly
B07585

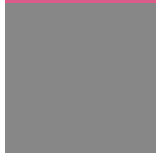


Tritanomaly
DA6075

Monochromacy



Original Color
DB5C89



Achromatopsia
878787



Achromatomaly
A67788

CSS Examples

Text

The CSS property to change the color of the text to Hex DB5C89 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 #DB5C89 looks like.

```
.text, #text, p{  
    color:#DB5C89  
}
```

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 #DB5C89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB5C89
}
```

Border

The CSS property to change the border of an element to Hex DB5C89 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
#DB5C89 }
```

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

```
.border{ border-color:#DB5C89 }
```

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

Here you see how a box with a 4 pixel #DB5C89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB5C89; -webkit-box-shadow:4px 4px  
4px 4px #DB5C89; box-shadow:4px 4px 4px  
4px #DB5C89 }
```

Background

The CSS property to change the background color of an element to Hex DB5C89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB5C89 }
```

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

```
.background{ background-color:#DB5C89 }
```

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