

Converting Colors

Hex(DF5BAA)

Have a look what the booklet for
Hex(DF5BAA) contains.

Hex(DF5BAA)	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(DF5BAA)

Conversions

Conversions Part 1

Format	Color
Hex	DF5BAA
RGB	223, 91, 170
RGB Percent	87%, 36%, 67%
CMY	0.1255, 0.6431, 0.3333
CMYK	0.00, 0.59, 0.24, 0.13
HSL	324°, 67%, 62%
HSV	324°, 59%, 87%
XYZ	41.4282, 26.0724, 40.8792
YIQ	139.4740, 53.3130, 52.5530

Conversions

Conversions Part 2

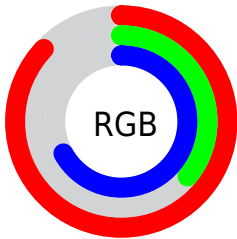
Format	Color
R _Y B	223, 91, 170
Decimal	14637994
CIE Lab	58.11, 59.68, -16.51
CIE LCh	58, 61.923, 344.534
Yxy	26.0724, 0.3823, 0.2406
Android (android.graphics.Color)	4292828074 (0xFFDF5BAA)
YUV	139.4740, 15.0493, 73.2523
Hunter-Lab	51.0612, 55.4680, -11.7243

Details

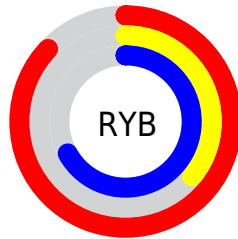
The Hex color **DF5BAA** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **5BDF90**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF93E1**, and **A41E76** is the 20% darker color. If you saturate the color by 10%, you get **DF45A1**, and if you desaturate by 10%, it is **DF71B3**.

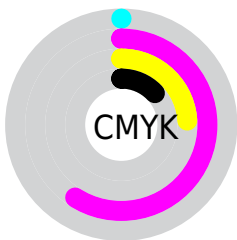
Distribution



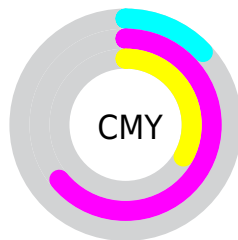
- Red (87%)
- Green (36%)
- Blue (67%)



- Red (87%)
- Yellow (36%)
- Blue (67%)



- Cyan (0%)
- Magenta (59%)
- Yellow (24%)
- Black (13%)



- Cyan (13%)
- Magenta (64%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF5BAA 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 DF5BAA by changing the saturation by 10% instead.

 DF5BAA

 DF5BAA

FFFFFF

 C13E8F

 FF93E1

 A41E76

 FFAFFE

 88005D

 FFCCFF

 6C0045

 FFE9FF

 50002F

 37001A

 130000

 000000

 DF5BAA

 DF5BAA

 DF45A1

 DF71B3

 DF2E98

 DF88BC

 DF188F

 DF9EC5

 DF0286

 DFB4CE

 DF0085

 DFCBD7

 DFE1E0

 DFF7E9

 DFFFF2

 DFFFFB

Harmonies

Analogous

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



B071DA



DF5BAA



ED5774

Triad

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



DF5BAA



8E910C



00A2D7

Complementary

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



DF5BAA



5BDF90

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.



00A5A5



DF5BAA



4F9D38

Square

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



DF5BAA



BE7F16



00A36D



009AF4

Rectangle

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



DF5BAA



E76151



00A36D



00A4C8

Sweetspot

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



DF5BAA



FFD1ED



905BDF



806374



000000



808080

Same Dimension

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



DF5BAA



FF4AB6



DF5B68



70656C



B00069



30001D

Inverse Universe

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



DF5BAA



FF4AB6



5BDFD2



70656C



B00069



30001D

Previews

White Background



This preview shows how the Hex color DF5BAA looks on a white background.

Color Contrast Check

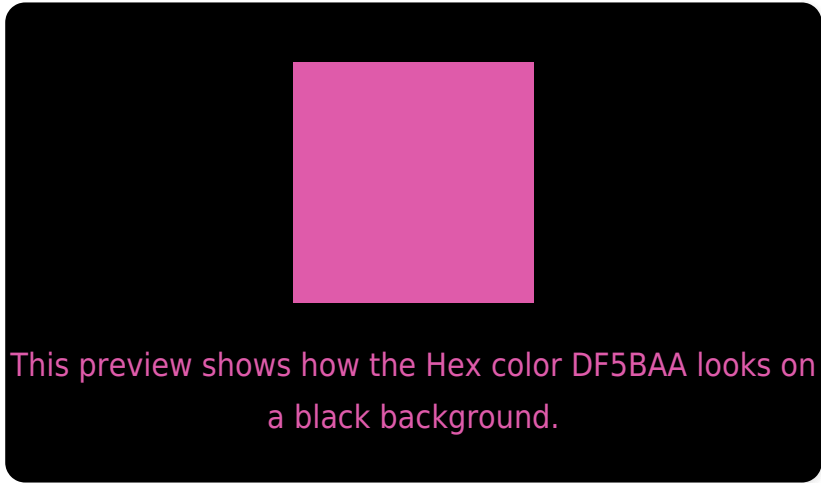
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF5BAA Background



This preview shows how black text looks on a background with the Hex color DF5BAA.

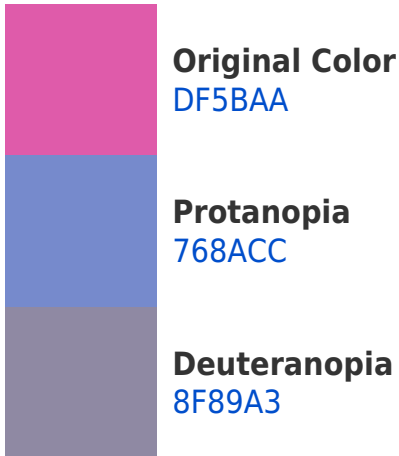


This preview shows how white text looks on a background with the Hex color DF5BAA.

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
DA6970

Trichromacy



Original Color
DF5BAA



Protanomaly
9C79C0



Deuteranomaly
AC78A6



Tritanomaly
DC6485

Monochromacy



Original Color
DF5BAA



Achromatopsia
8B8B8B



Achromatomaly
AA7A96

CSS Examples

Text

The CSS property to change the color of the text to Hex DF5BAA 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 #DF5BAA looks like.

```
.text, #text, p{  
    color:#DF5BAA  
}
```

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 #DF5BAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF5BAA
}
```

Border

The CSS property to change the border of an element to Hex DF5BAA 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
#DF5BAA }
```

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

```
.border{ border-color:#DF5BAA }
```

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

Here you see how a box with a 4 pixel #DF5BAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF5BAA; -webkit-box-shadow:4px 4px  
4px 4px #DF5BAA; box-shadow:4px 4px 4px  
4px #DF5BAA }
```

Background

The CSS property to change the background color of an element to Hex DF5BAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF5BAA }
```

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

```
.background{ background-color:#DF5BAA }
```

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