

# Converting Colors

Hex(DB578F)

Have a look what the booklet for  
Hex(DB578F) contains.

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# Color

**Hex(DB578F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB578F
RGB	219, 87, 143
RGB Percent	86%, 34%, 56%
CMY	0.1412, 0.6588, 0.4392
CMYK	0.00, 0.60, 0.35, 0.14
HSL	335°, 65%, 60%
HSV	335°, 60%, 86%
XYZ	37.5795, 23.8596, 28.6113
YIQ	132.8520, 60.6960, 45.4000

# Conversions

## Conversions Part 2

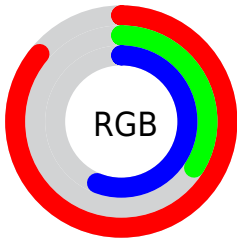
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 87, 143
Decimal	14374799
CIE <sub>Lab</sub>	55.95, 56.86, -4.06
CIE <sub>LCh</sub>	56, 57.007, 355.921
Yxy	23.8596, 0.4173, 0.2650
Android (android.graphics.Color)	4292564879 (0xFFDB578F)
YUV	132.8520, 5.0030, 75.5518
Hunter-Lab	48.8463, 51.8465, -0.5362

# Details

The Hex color **DB578F** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **57DBA3**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF8FC5**, and **A01A5D** is the 20% darker color. If you saturate the color by 10%, you get **DB4182**, and if you desaturate by 10%, it is **DB6D9C**.

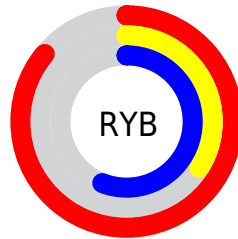
# Distribution



Red (86%)

Green (34%)

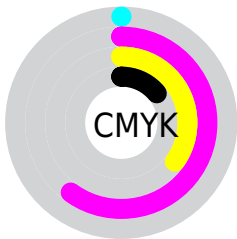
Blue (56%)



Red (86%)

Yellow (34%)

Blue (56%)

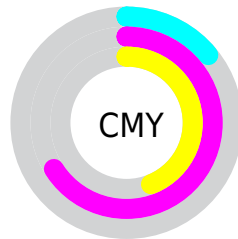


Cyan (0%)

Magenta (60%)

Yellow (35%)

Black (14%)



Cyan (14%)

Magenta (66%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB578F 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 DB578F by changing the saturation by 10% instead.



 DB578F

 DB578F

FFFFFF

 BD3B75

 FF8FC5

 A01A5D

 FFABE1

 830045

 FFC7FD

 67002F

 FFE4FF

 4B001B

 320002

 000000

 DB578F

 DB578F

 DB4182

 DB6D9C

 DB2B76

 DB83A8

 DB1569

 DB99B5

 DB005D

 DBAFC1

 DBC4CE

 DBDADB

 DBF0E7

 DBFFF4

 DBFFFF

# Harmonies

## Analogous

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



BC66BE



DB578F



DE5B5E

# Triad

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



DB578F



759023



0099D7

# Complementary

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



DB578F



57DBA3

# 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.



009DB0



DB578F



2F994C

# Square

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



DB578F



A58116



009D7D



008EE9

# Rectangle

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



DB578F



D36740



009D7D



009BCC



# Sweetspot

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



DB578F



FFD1E5



A257DB



80636F



000000



808080



# Same Dimension

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



DB578F



FF4795



DB6057



6E6367



AD004A



2E0013



# Inverse Universe

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



DB578F



FF4795



57D2DB



6E6367



AD004A



2E0013



# Previews

## White Background



This preview shows how the Hex color DB578F looks on a white background.

## Color Contrast Check

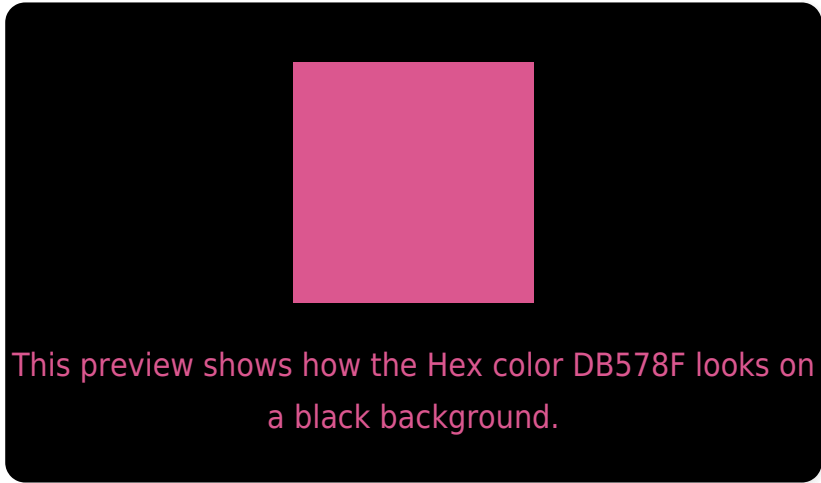
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB578F Background



This preview shows how black text looks on a background with the Hex color DB578F.

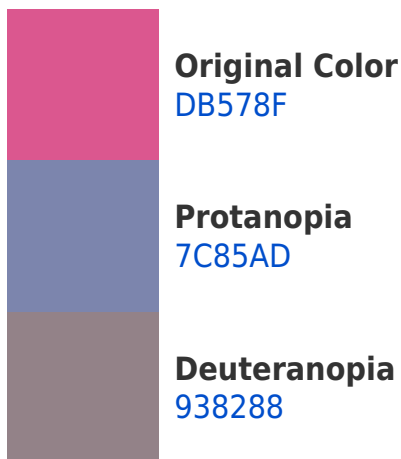


This preview shows how white text looks on a background with the Hex color DB578F.

# 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**  
D86066

# Trichromacy



**Original Color**  
DB578F



**Protanomaly**  
9F74A2



**Deuteranomaly**  
AD728B



**Tritanomaly**  
D95D75

# Monochromacy



**Original Color**  
DB578F



**Achromatopsia**  
858585



**Achromatomaly**  
A47489

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB578F 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 #DB578F looks like.

```
.text, #text, p{  
    color:#DB578F  
}
```

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 #DB578F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB578F
}
```

## Border

The CSS property to change the border of an element to Hex DB578F is called "border". The border property can be set on classes, ids or directly on the HTML element.

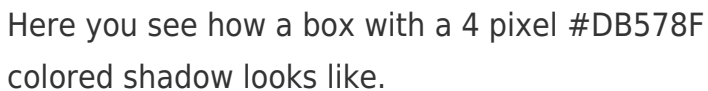
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB578F }
```

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

```
.border{ border-color:#DB578F }
```

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



Here you see how a box with a 4 pixel #DB578F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB578F; -webkit-box-shadow:4px 4px  
4px 4px #DB578F; box-shadow:4px 4px 4px  
4px #DB578F }
```

# Background

The CSS property to change the background color of an element to Hex DB578F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB578F }
```

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

```
.background{ background-color:#DB578F }
```

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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