

Converting Colors

Hex(DB5B87)

Have a look what the booklet for
Hex(DB5B87) contains.

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Color

Hex(DB5B87)

Conversions

Conversions Part 1

Format	Color
Hex	DB5B87
RGB	219, 91, 135
RGB Percent	86%, 36%, 53%
CMY	0.1412, 0.6431, 0.4706
CMYK	0.00, 0.58, 0.38, 0.14
HSL	339°, 64%, 61%
HSV	339°, 58%, 86%
XYZ	37.3277, 24.2915, 25.6430
YIQ	134.2880, 62.1640, 40.8200

Conversions

Conversions Part 2

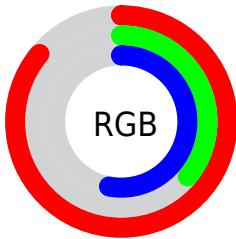
Format	Color
R _Y B	219, 91, 135
Decimal	14375815
CIE Lab	56.38, 54.18, 1.28
CIE LCh	56, 54.196, 1.355
Yxy	24.2915, 0.4278, 0.2784
Android (android.graphics.Color)	4292565895 (0xFFDB5B87)
YUV	134.2880, 0.3510, 74.2924
Hunter-Lab	49.2864, 48.9379, 3.6528

Details

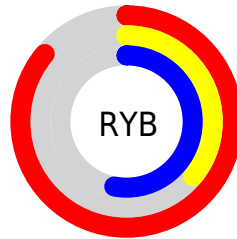
The Hex color **DB5B87** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **5BDBAF**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF92BC**, and **A02156** is the 20% darker color. If you saturate the color by 10%, you get **DB4579**, and if you desaturate by 10%, it is **DB7195**.

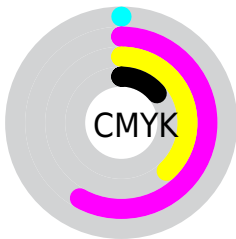
Distribution



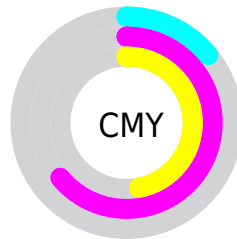
- Red (86%)
- Green (36%)
- Blue (53%)



- Red (86%)
- Yellow (36%)
- Blue (53%)



- Cyan (0%)
- Magenta (58%)
- Yellow (38%)
- Black (14%)



- Cyan (14%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB5B87 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 DB5B87 by changing the saturation by 10% instead.

 DB5B87

 DB5B87

FFFFFF

 BD3F6E

 FF92BC

 A02156

 FFAED8

 83003E

 FFCBF4

 670029

 FFE8FF

 4B0014

 310002

 000000

 DB5B87

 DB5B87

 DB4579

 DB7195

 DB2F6A

 DB87A4

 DB195C

 DB9DB2

 DB034E

 DBB3C0

 DB004B

 DBC8CF

 DBDEDD

 DBF4EC

 DBFFFA

 DBFFFF

Harmonies

Analogous

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



C266B5



DB5B87



DA6259

Triad

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



DB5B87



6E9330



0098D9

Complementary

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



DB5B87



5BDBAF

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.



009DB7



DB5B87



239A58

Square

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



DB5B87



9E861F



009E88



008CE6

Rectangle

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



DB5B87



CD6D3E



009E88



009AD0

Sweetspot

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



DB5B87



FFD1E1



AE5BDB



80636D



000000



808080

Same Dimension

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



DB5B87



FF4D8A



DB6E5B



6E6366



AD003C



2E0010

Inverse Universe

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



DB5B87



FF4D8A



5BC8DB



6E6366



AD003C



2E0010

Previews

White Background



This preview shows how the Hex color DB5B87 looks on a white background.

Color Contrast Check

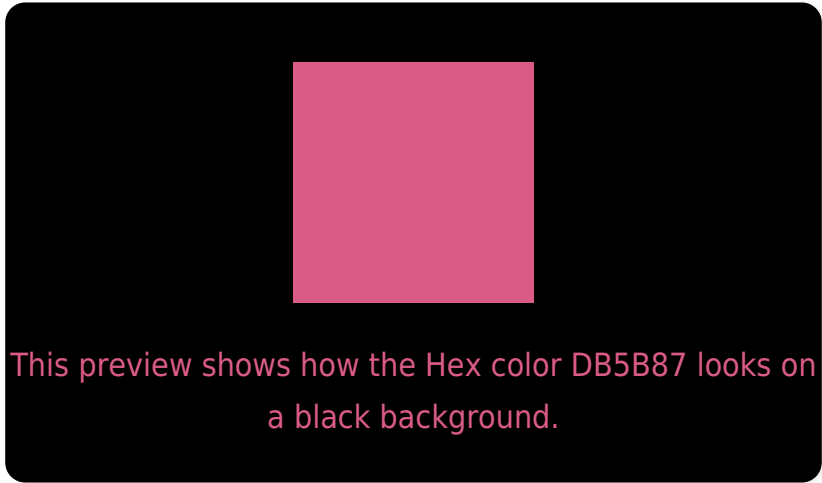
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB5B87 Background



This preview shows how black text looks on a background with the Hex color DB5B87.

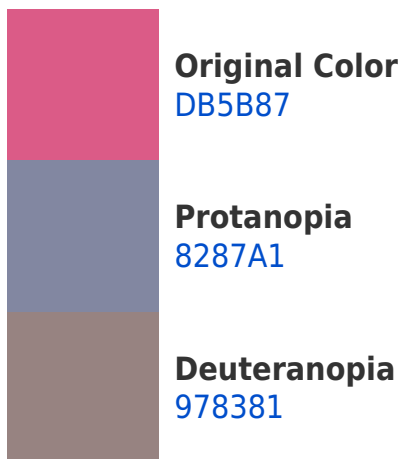



This preview shows how white text looks on a background with the Hex color DB5B87.

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
D96168

Trichromacy



Original Color
DB5B87



Protanomaly
A27798



Deuteranomaly
B07483

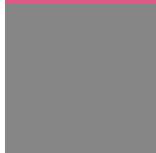


Tritanomaly
DA5F73

Monochromacy



Original Color
DB5B87



Achromatopsia
868686



Achromatomaly
A57686

CSS Examples

Text

The CSS property to change the color of the text to Hex DB5B87 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 #DB5B87 looks like.

```
.text, #text, p{  
    color:#DB5B87  
}
```

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 #DB5B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB5B87
}
```

Border

The CSS property to change the border of an element to Hex DB5B87 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
#DB5B87 }
```

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

```
.border{ border-color:#DB5B87 }
```

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

Here you see how a box with a 4 pixel #DB5B87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB5B87; -webkit-box-shadow:4px 4px  
4px 4px #DB5B87; box-shadow:4px 4px 4px  
4px #DB5B87 }
```

Background

The CSS property to change the background color of an element to Hex DB5B87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB5B87 }
```

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

```
.background{ background-color:#DB5B87 }
```

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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