

Converting Colors

Hex(DB3FAE)

Have a look what the booklet for
Hex(DB3FAE) contains.

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Color

Hex(DB3FAE)

Conversions

Conversions Part 1

Format	Color
Hex	DB3FAE
RGB	219, 63, 174
RGB Percent	86%, 25%, 68%
CMY	0.1412, 0.7529, 0.3176
CMYK	0.00, 0.71, 0.21, 0.14
HSL	317°, 68%, 55%
HSV	317°, 71%, 86%
XYZ	38.6309, 21.6711, 42.1913
YIQ	122.2980, 57.3450, 67.5930

Conversions

Conversions Part 2

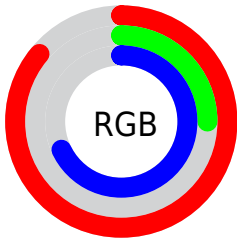
Format	Color
R_{YB}	219, 63, 174
Decimal	14368686
CIE _{Lab}	53.68, 70.04, -25.68
CIE _{LCh}	54, 74.599, 339.867
Yxy	21.6711, 0.3769, 0.2114
Android (android.graphics.Color)	4292558766 (0xFFDB3FAE)
YUV	122.2980, 25.4891, 84.8077
Hunter-Lab	46.5522, 66.6602, -21.1493

Details

The Hex color **DB3FAE** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **3FDB6C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF7BE6**, and **A00079** is the 20% darker color. If you saturate the color by 10%, you get **DB29A8**, and if you desaturate by 10%, it is **DB55B4**.

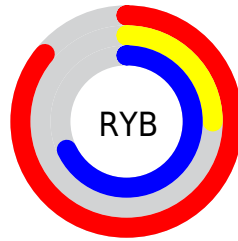
Distribution



Red (86%)

Green (25%)

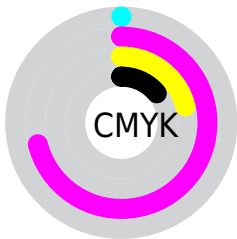
Blue (68%)



Red (86%)

Yellow (25%)

Blue (68%)

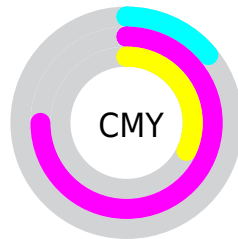


Cyan (0%)

Magenta (71%)

Yellow (21%)

Black (14%)



Cyan (14%)

Magenta (75%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB3FAE 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 DB3FAE by changing the saturation by 10% instead.

 DB3FAE

 DB3FAE

FFFFFF

 BD1893

 FF7BE6

 A00079

 FF98FF

 830060

 FFB5FF

 670048

 FFD3FF

 4B0031

 FFF0FF

 30001C

 000000

 DB3FAE

 DB3FAE

 DB29A8

 DB55B4

 DB13A1

 DB6BBB

 DB009C

 DB81C1

 DB97C7

 DBADCE

 DBC2D4

 DBD8DA

 DBEEE1

 DBFFE7

Harmonies

Analogous

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



9B64E4



DB3FAE



F02F6E

Triad

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



DB3FAE



888400



009BD2

Complementary

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



DB3FAE



3FDB6C

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.



009C95



DB3FAE



3D9200

Square

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



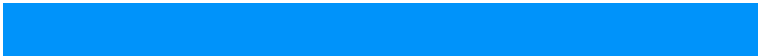
DB3FAE



BE6D00



009A51



0093FA

Rectangle

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



DB3FAE



EA4044



009A51



009CBF

Sweetspot

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



DB3FAE



FFC9F0



6B3FDB



806076



000000



808080

Same Dimension

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



DB3FAE



FF26C0



DB3F61



6E636A



AD007B



2E0021

Inverse Universe

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



DB3FAE



FF26C0



3FDDB9



6E636A



AD007B



2E0021

Previews

White Background



This preview shows how the Hex color DB3FAE looks on a white background.

Color Contrast Check

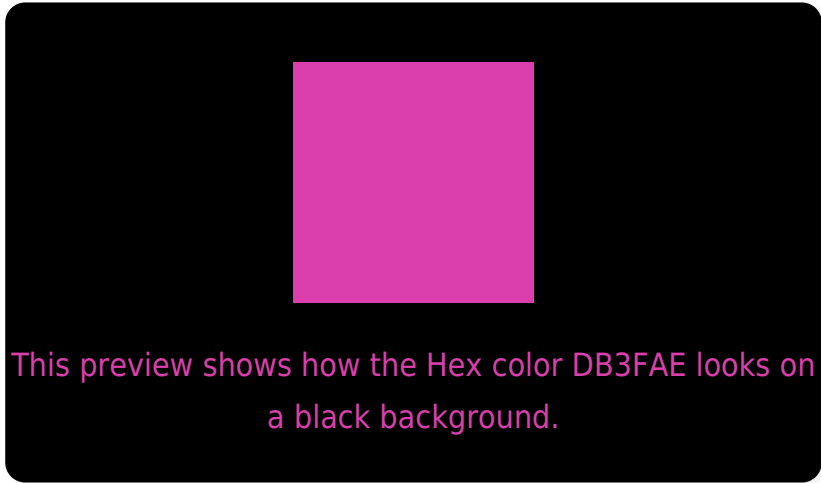
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB3FAE Background



This preview shows how black text looks on a background with the Hex color DB3FAE.

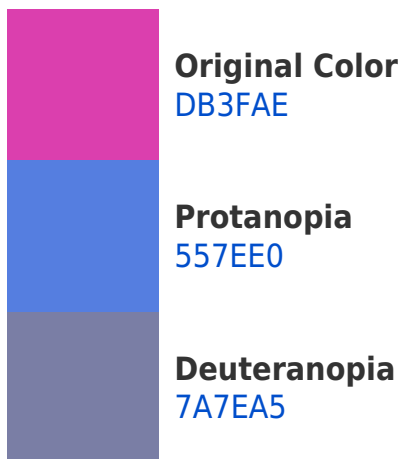



This preview shows how white text looks on a background with the Hex color DB3FAE.

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](#).

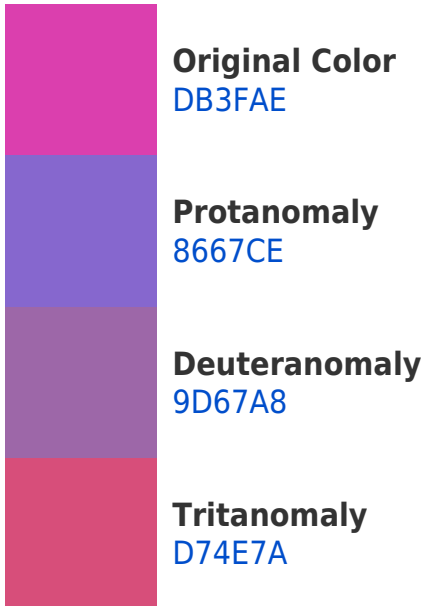
Dichromacy



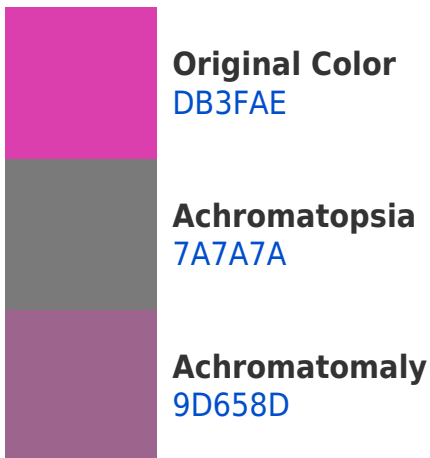


Tritanopia
D4575D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB3FAE 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 #DB3FAE looks like.

```
.text, #text, p{  
    color:#DB3FAE  
}
```

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 #DB3FAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB3FAE
}
```

Border

The CSS property to change the border of an element to Hex DB3FAE 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
#DB3FAE }
```

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

```
.border{ border-color:#DB3FAE }
```

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

Here you see how a box with a 4 pixel #DB3FAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB3FAE; -webkit-box-shadow:4px 4px  
4px 4px #DB3FAE; box-shadow:4px 4px 4px  
4px #DB3FAE }
```

Background

The CSS property to change the background color of an element to Hex DB3FAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB3FAE }
```

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

```
.background{ background-color:#DB3FAE }
```

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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