

Converting Colors

Hex(DB3A85)

Have a look what the booklet for
Hex(DB3A85) contains.

Hex(DB3A85)	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(DB3A85)

Conversions

Conversions Part 1

Format	Color
Hex	DB3A85
RGB	219, 58, 133
RGB Percent	86%, 23%, 52%
CMY	0.1412, 0.7725, 0.4784
CMYK	0.00, 0.74, 0.39, 0.14
HSL	332°, 69%, 54%
HSV	332°, 74%, 86%
XYZ	34.9601, 19.7796, 24.1656
YIQ	114.6890, 71.8810, 57.4570

Conversions

Conversions Part 2

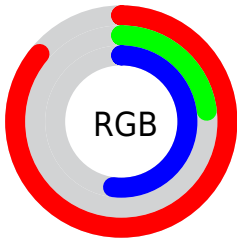
Format	Color
R_{YB}	219, 58, 133
Decimal	14367365
CIE Lab	51.59, 66.92, -4.56
CIE LCh	52, 67.077, 356.101
Yxy	19.7796, 0.4431, 0.2507
Android (android.graphics.Color)	4292557445 (0xFFDB3A85)
YUV	114.6890, 9.0273, 91.4807
Hunter-Lab	44.4743, 62.4843, -1.0838

Details

The Hex color **DB3A85** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle muted rose. A complement of this color would be **3ADB90**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF76BA**, and **9F0054** is the 20% darker color. If you saturate the color by 10%, you get **DB2479**, and if you desaturate by 10%, it is **DB5091**.

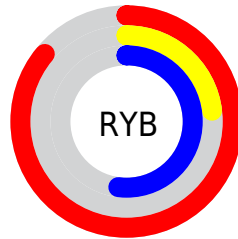
Distribution



Red (86%)

Green (23%)

Blue (52%)



Red (86%)

Yellow (23%)

Blue (52%)

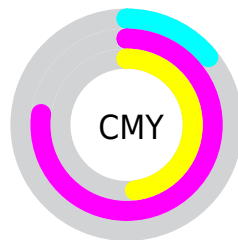


Cyan (0%)

Magenta (74%)

Yellow (39%)

Black (14%)



Cyan (14%)

Magenta (77%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB3A85 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 DB3A85 by changing the saturation by 10% instead.

 DB3A85

 DB3A85

FFFFFF

 BD106C

 FF76BA

 9F0054

 FF93D6

 81003D

 FFB0F2

 640027

 FFCDFE

 490012

 FFE8FF

 2B0001

 000000

 DB3A85

 DB3A85

 DB2479

 DB5091

 DB0E6E

 DB669C

 DB0066

 DB7CA8

 DB92B4

 DBA8BF

 DBBDCB

 DBD3D7

 DBE9E3

 DBFFEE

Harmonies

Analogous

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



B852BC



DB3A85



DD424C

Triad

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



DB3A85



638600



0090DA

Complementary

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



DB3A85



3ADB90

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.



0094AC



DB3A85



009036

Square

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



DB3A85



9B7600



009471



0084EE

Rectangle

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



DB3A85



CF5428



009471



0092CD

Sweetspot

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



DB3A85



FFC7E1



903ADB



805E6E



000000



808080

Same Dimension

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



DB3A85



FF1F87



DB3F3A



6E6368



AD0051



2E0015

Inverse Universe

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



DB3A85



FF1F87



3AD6DB



6E6368



AD0051



2E0015

Previews

White Background



This preview shows how the Hex color DB3A85 looks on a white background.

Color Contrast Check

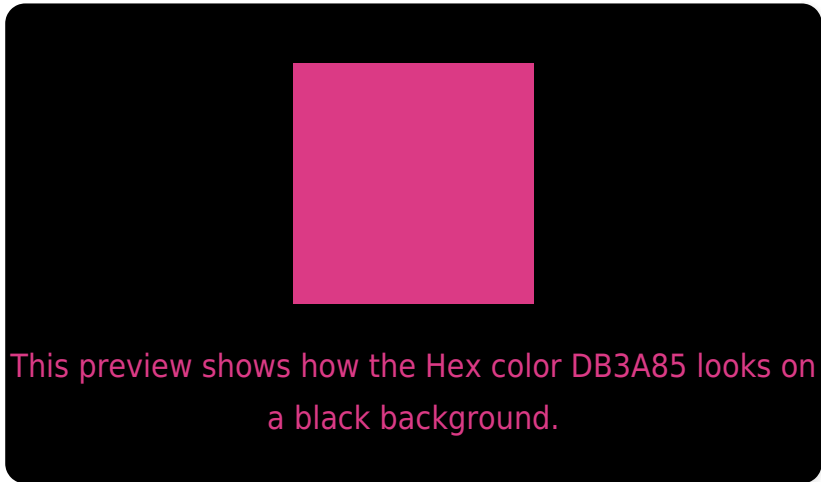
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB3A85 Background



This preview shows how black text looks on a background with the Hex color DB3A85.

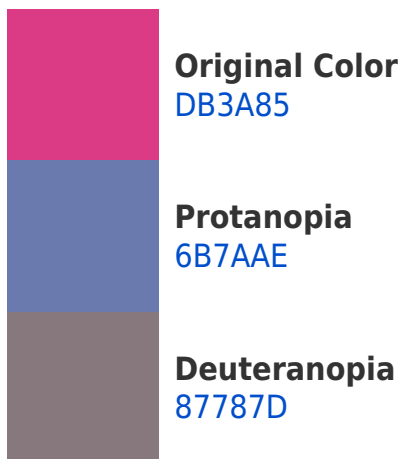


This preview shows how white text looks on a background with the Hex color DB3A85.

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



Trichromacy



Original Color
DB3A85



Protanomaly
94639F



Deuteranomaly
A66180



Tritanomaly
D84461

Monochromacy



Original Color
DB3A85



Achromatopsia
737373



Achromatomaly
995E7A

CSS Examples

Text

The CSS property to change the color of the text to Hex DB3A85 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 #DB3A85 looks like.

```
.text, #text, p{  
    color:#DB3A85  
}
```

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 #DB3A85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB3A85
}
```

Border

The CSS property to change the border of an element to Hex DB3A85 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
#DB3A85 }
```

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

```
.border{ border-color:#DB3A85 }
```

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

Here you see how a box with a 4 pixel #DB3A85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB3A85; -webkit-box-shadow:4px 4px  
4px 4px #DB3A85; box-shadow:4px 4px 4px  
4px #DB3A85 }
```

Background

The CSS property to change the background color of an element to Hex DB3A85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB3A85 }
```

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

```
.background{ background-color:#DB3A85 }
```

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