

Converting Colors

Hex(DB3C8B)

Have a look what the booklet for
Hex(DB3C8B) contains.

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Color

Hex(DB3C8B)

Conversions

Conversions Part 1

Format	Color
Hex	DB3C8B
RGB	219, 60, 139
RGB Percent	86%, 24%, 55%
CMY	0.1412, 0.7647, 0.4549
CMYK	0.00, 0.73, 0.37, 0.14
HSL	330°, 69%, 55%
HSV	330°, 73%, 86%
XYZ	35.4895, 20.1559, 26.4461
YIQ	116.5470, 69.4050, 58.2770

Conversions

Conversions Part 2

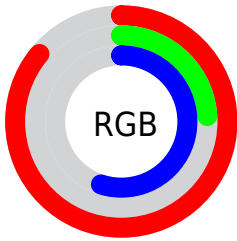
Format	Color
R_{YB}	219, 60, 139
Decimal	14367883
CIE _{Lab}	52.01, 66.89, -7.52
CIE _{LCh}	52, 67.307, 353.584
Yxy	20.1559, 0.4323, 0.2455
Android (android.graphics.Color)	4292557963 (0xFFDB3C8B)
YUV	116.5470, 11.0693, 89.8513
Hunter-Lab	44.8953, 62.5365, -3.4987

Details

The Hex color **DB3C8B** 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 **3CDB8C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF78C0**, and **9F0059** is the 20% darker color. If you saturate the color by 10%, you get **DB2680**, and if you desaturate by 10%, it is **DB5296**.

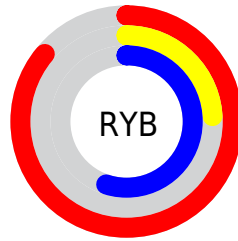
Distribution



Red (86%)

Green (24%)

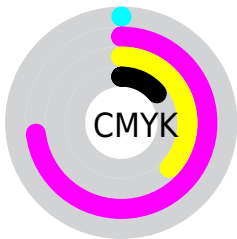
Blue (55%)



Red (86%)

Yellow (24%)

Blue (55%)

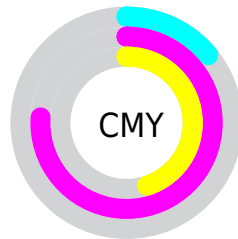


Cyan (0%)

Magenta (73%)

Yellow (37%)

Black (14%)



Cyan (14%)

Magenta (76%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB3C8B 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 DB3C8B by changing the saturation by 10% instead.

 DB3C8B

 DB3C8B

FFFFFF

 BD1472

 FF78C0

 9F0059

 FF95DC

 820042

 FFB2F9

 65002C

 FFCFFF

 490018

 FFEDFF

 2C0001

 000000

 DB3C8B

 DB3C8B

 DB2680

 DB5296

 DB1075

 DB68A1

 DB006D

 DB7EAC

 DB94B7

 DBAAC2

 DBBFCD

 DBD5D8

 DBEBE3

 DBFFEE

Harmonies

Analogous

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



B455C1



DB3C8B



DF4152

Triad

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



DB3C8B



6A8600



0092D9

Complementary

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



DB3C8B



3CDB8C

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.



0096A9



DB3C8B



009031

Square

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



DB3C8B



A07500



00956D



0087EF

Rectangle

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



DB3C8B



D3532E



00956D



0094CB

Sweetspot

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



DB3C8B



FFC7E3



8B3CDB



805E6F



000000



808080

Same Dimension

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



DB3C8B



FF218F



DB3C3C



6E6368



AD0056



2E0017

Inverse Universe

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



DB3C8B



FF218F



3CDBDB



6E6368



AD0056



2E0017

Previews

White Background



This preview shows how the Hex color DB3C8B looks on a white background.

Color Contrast Check

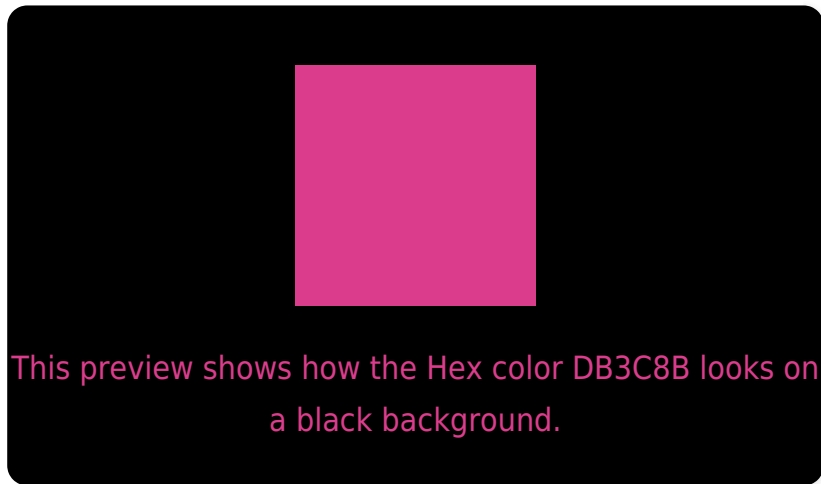
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB3C8B Background



This preview shows how black text looks on a background with the Hex color DB3C8B.




This preview shows how white text looks on a background with the Hex color DB3C8B.

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
D74C50

Trichromacy



Original Color
DB3C8B



Protanomaly
9364A6



Deuteranomaly
A56386

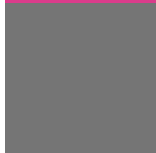


Tritanomaly
D84665

Monochromacy



Original Color
DB3C8B



Achromatopsia
757575



Achromatomaly
9A607D

CSS Examples

Text

The CSS property to change the color of the text to Hex DB3C8B 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 #DB3C8B looks like.

```
.text, #text, p{  
    color:#DB3C8B  
}
```

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 #DB3C8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB3C8B
}
```

Border

The CSS property to change the border of an element to Hex DB3C8B 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
#DB3C8B }
```

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

```
.border{ border-color:#DB3C8B }
```

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

Here you see how a box with a 4 pixel #DB3C8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB3C8B; -webkit-box-shadow:4px 4px  
4px 4px #DB3C8B; box-shadow:4px 4px 4px  
4px #DB3C8B }
```

Background

The CSS property to change the background color of an element to Hex DB3C8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB3C8B }
```

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

```
.background{ background-color:#DB3C8B }
```

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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