

Converting Colors

Hex(DB50A3)

Have a look what the booklet for
Hex(DB50A3) contains.

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Color

Hex(DB50A3)

Conversions

Conversions Part 1	
Format	Color
Hex	DB50A3
RGB	219, 80, 163
RGB Percent	86%, 31%, 64%
CMY	0.1412, 0.6863, 0.3608
CMYK	0.00, 0.63, 0.26, 0.14
HSL	324°, 66%, 59%
HSV	324°, 63%, 86%
XYZ	38.6929, 23.4417, 37.1357
YIQ	131.0230, 56.2010, 55.2810

Conversions

Conversions Part 2

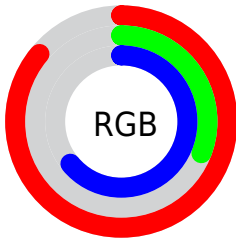
Format	Color
RYB	219, 80, 163
Decimal	14373027
CIELab	55.52, 62.27, -16.42
CIELCh	56, 64.401, 345.231
Yxy	23.4417, 0.3898, 0.2361
Android (android.graphics.Color)	4292563107 (0xFFDB50A3)
YUV	131.0230, 15.7647, 77.1558
Hunter-Lab	48.4167, 57.9219, -11.5839

Details

The Hex color **DB50A3** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **50DB88**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF89DA**, and **A0056F** is the 20% darker color. If you saturate the color by 10%, you get **DB3A9A**, and if you desaturate by 10%, it is **DB66AC**.

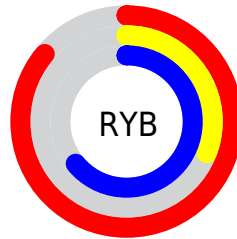
Distribution



Red (86%)

Green (31%)

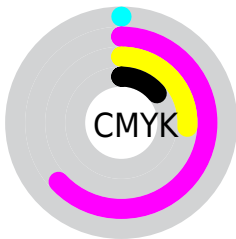
Blue (64%)



Red (86%)

Yellow (31%)

Blue (64%)

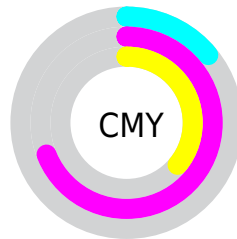


Cyan (0%)

Magenta (63%)

Yellow (26%)

Black (14%)



Cyan (14%)

Magenta (69%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB50A3 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 DB50A3 by changing the saturation by 10% instead.

 DB50A3

 DB50A3

FFFFFF

 BD3289

 FF89DA

 A0056F

 FFA5F6

 840057

 FFC2FF

 67003F

 FFDFFF

 4C0029

 FFDFFF

 320014

 000000

 DB50A3

 DB50A3

 DB3A9A

 DB66AC

 DB2491

 DB7CB5

 DB0E89

 DB92BD

 DB0083

 DBA8C6

 DBBDCF

 DBD3D8

 DBE9E1

 DBFFEA

 DBFFF2

Harmonies

Analogous

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



AB69D4



DB50A3



E84C6B

Triad

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



DB50A3



858B00



009CD3

Complementary

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



DB50A3



50DB88

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.



009FA1



DB50A3



41972F

Square

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



DB50A3



B67800



009D66



0093F1

Rectangle

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



DB50A3



E15848



009D66



009EC4

Sweetspot

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



DB50A3



FFCFEB



8850DB



806274



000000



808080

Same Dimension

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



DB50A3



FF3DB1



DB505E



6E6369



AD0068



2E001B

Inverse Universe

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



DB50A3



FF3DB1



50DBCD



6E6369



AD0068



2E001B

Previews

White Background



This preview shows how the Hex color DB50A3 looks on a white background.

Color Contrast Check

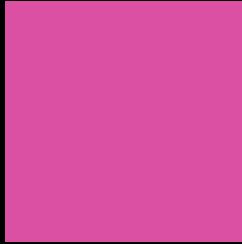
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color DB50A3 looks on a 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 DB50A3 Background



This preview shows how black text looks on a background with the Hex color DB50A3.

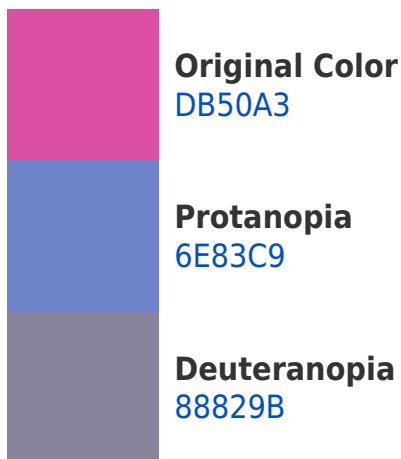


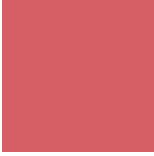
This preview shows how white text looks on a background with the Hex color DB50A3.

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
D65F66

Trichromacy

	Original Color DB50A3
	Protanomaly 9670BB
	Deuteranomaly A6709E
	Tritanomaly D85A7C

Monochromacy

	Original Color DB50A3
	Achromatopsia 838383
	Achromatomaly A3708F

CSS Examples

Text

The CSS property to change the color of the text to Hex DB50A3 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 #DB50A3 looks like.

```
.text, #text, p{  
    color:#DB50A3  
}
```

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 #DB50A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB50A3
}
```

Border

The CSS property to change the border of an element to Hex DB50A3 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
#DB50A3 }
```

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

```
.border{ border-color:#DB50A3 }
```

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

Here you see how a box with a 4 pixel #DB50A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB50A3; -webkit-box-shadow:4px 4px  
4px 4px #DB50A3; box-shadow:4px 4px 4px  
4px #DB50A3 }
```

Background

The CSS property to change the background color of an element to Hex DB50A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB50A3 }
```

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

```
.background{ background-color:#DB50A3 }
```

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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