

Converting Colors

Hex(DB4182)

Have a look what the booklet for
Hex(DB4182) contains.

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Color

Hex(DB4182)

Conversions

Conversions Part 1

Format	Color
Hex	DB4182
RGB	219, 65, 130
RGB Percent	86%, 25%, 51%
CMY	0.1412, 0.7451, 0.4902
CMYK	0.00, 0.70, 0.41, 0.14
HSL	335°, 68%, 56%
HSV	335°, 70%, 86%
XYZ	35.1330, 20.4524, 23.2151
YIQ	118.4560, 70.9190, 52.8630

Conversions

Conversions Part 2

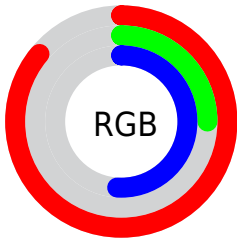
Format	Color
R_{YB}	219, 65, 130
Decimal	14369154
CIE _{Lab}	52.34, 64.25, -1.65
CIE _{LCh}	52, 64.267, 358.533
Yxy	20.4524, 0.4458, 0.2595
Android (android.graphics.Color)	4292559234 (0xFFDB4182)
YUV	118.4560, 5.6912, 88.1771
Hunter-Lab	45.2243, 59.5271, 1.2215

Details

The Hex color **DB4182** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **41DB9A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF7CB7**, and **9F0051** is the 20% darker color. If you saturate the color by 10%, you get **DB2B75**, and if you desaturate by 10%, it is **DB578F**.

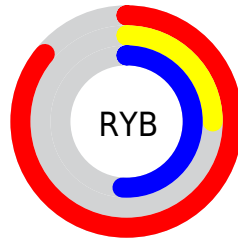
Distribution



Red (86%)

Green (25%)

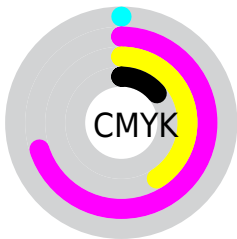
Blue (51%)



Red (86%)

Yellow (25%)

Blue (51%)

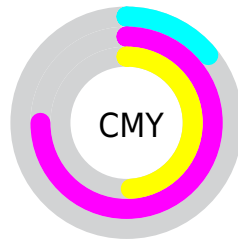


Cyan (0%)

Magenta (70%)

Yellow (41%)

Black (14%)



Cyan (14%)

Magenta (75%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB4182 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 DB4182 by changing the saturation by 10% instead.

 DB4182

 DB4182


FFFFFF

 BD1E69

 FF7CB7

 9F0051

 FF98D2

 81003A

 FFB5EF

 640025

 FFD2FF

 49000F

 FFF0FF

 2C0001

 000000

 DB4182

 DB4182

 DB2B75

 DB578F

 DB1569

 DB6D9B

 DB005C

 DB83A8

 DB99B5

 DBAFC1

 DBC4CE

 DBDADB

 DBF0E7

 DBFFF4

Harmonies

Analogous

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



BC54B7



DB4182



DB4A4C

Triad

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



DB4182



628900



0091DB

Complementary

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



DB4182



41DB9A

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.



0095B0



DB4182



00923F

Square

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



DB4182



987A00



009578



0084EC

Rectangle

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



DB4182



CC5A2A



009578



0093CF

Sweetspot

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



DB4182



FFC9E0



9841DB



80606D



000000



808080

Same Dimension

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



DB4182



FF2983



DB4B41



6E6367



AD0049



2E0013

Inverse Universe

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



DB4182



FF2983



41D1DB



6E6367



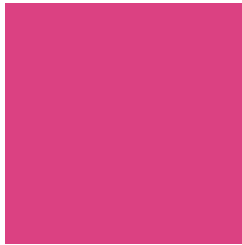
AD0049



2E0013

Previews

White Background



This preview shows how the Hex color DB4182 looks on a white background.

Color Contrast Check

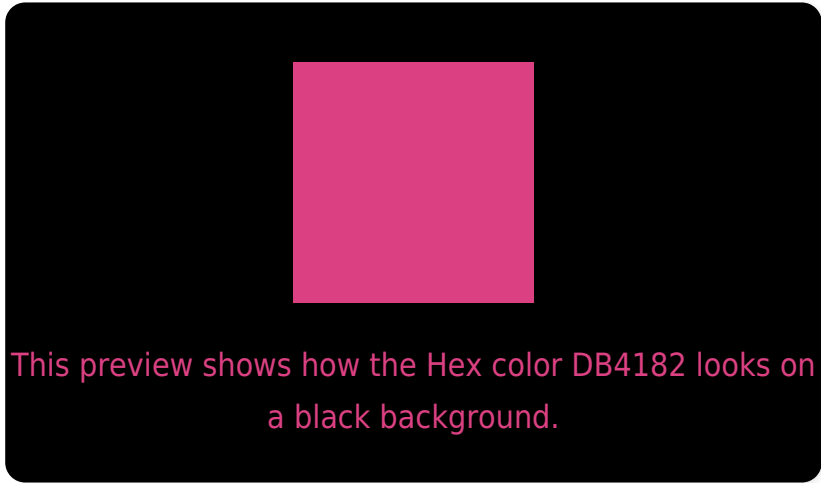
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB4182 Background



This preview shows how black text looks on a background with the Hex color DB4182.



This preview shows how white text looks on a background with the Hex color DB4182.

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



Original Color
DB4182

Protanopia
727CA7

Deuteranopia
8B797A



Tritanopia
D84D51

Trichromacy



Original Color
DB4182



Protanomaly
98679A



Deuteranomaly
A8657D

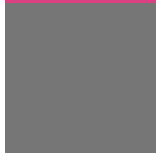


Tritanomaly
D94963

Monochromacy



Original Color
DB4182



Achromatopsia
767676



Achromatomaly
9B637A

CSS Examples

Text

The CSS property to change the color of the text to Hex DB4182 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 #DB4182 looks like.

```
.text, #text, p{  
    color:#DB4182  
}
```

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 #DB4182 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4182
}
```

Border

The CSS property to change the border of an element to Hex DB4182 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
#DB4182 }
```

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

```
.border{ border-color:#DB4182 }
```

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

Here you see how a box with a 4 pixel #DB4182 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4182; -webkit-box-shadow:4px 4px  
4px 4px #DB4182; box-shadow:4px 4px 4px  
4px #DB4182 }
```

Background

The CSS property to change the background color of an element to Hex DB4182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4182 }
```

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

```
.background{ background-color:#DB4182 }
```

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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