

Converting Colors

Hex(DB45A9)

Have a look what the booklet for
Hex(DB45A9) contains.

Hex(DB45A9)	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(DB45A9)

Conversions

Conversions Part 1

Format	Color
Hex	DB45A9
RGB	219, 69, 169
RGB Percent	86%, 27%, 66%
CMY	0.1412, 0.7294, 0.3373
CMYK	0.00, 0.68, 0.23, 0.14
HSL	320°, 68%, 56%
HSV	320°, 68%, 86%
XYZ	38.5030, 22.1809, 39.7881
YIQ	125.2500, 57.3000, 62.9000

Conversions

Conversions Part 2

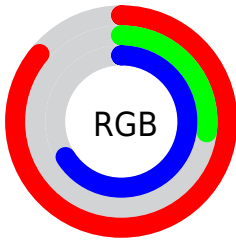
Format	Color
R_{YB}	219, 69, 169
Decimal	14370217
CIE _{Lab}	54.22, 67.29, -21.92
CIE _{LCh}	54, 70.775, 341.958
Yxy	22.1809, 0.3832, 0.2208
Android (android.graphics.Color)	4292560297 (0xFFDB45A9)
YUV	125.2500, 21.5688, 82.2188
Hunter-Lab	47.0966, 63.5104, -17.1217

Details

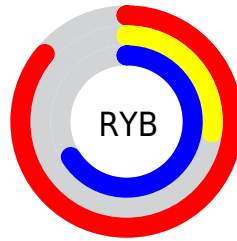
The Hex color **DB45A9** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **45DB77**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF80E0**, and **A00075** is the 20% darker color. If you saturate the color by 10%, you get **DB2FA2**, and if you desaturate by 10%, it is **DB5BB0**.

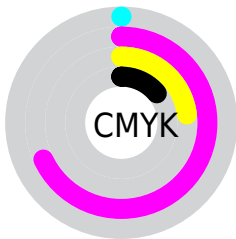
Distribution



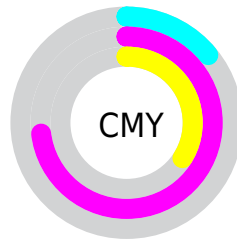
- Red (86%)
- Green (27%)
- Blue (66%)



- Red (86%)
- Yellow (27%)
- Blue (66%)



- Cyan (0%)
- Magenta (68%)
- Yellow (23%)
- Black (14%)



- Cyan (14%)
- Magenta (73%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB45A9 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 DB45A9 by changing the saturation by 10% instead.

 DB45A9

 DB45A9

FFFFFF

 BD228E

 FF80E0

 A00075

 FF9CFD

 83005C

 FFB9FF

 670044

 FFD7FF

 4B002E

 FFF4FF

 300018

 000000

 DB45A9

 DB45A9

 DB2FA2

 DB5BB0

 DB199A

 DB71B8

 DB0393

 DB87BF

 DB0092

 DB9DC6

 DBB3CE

 DBC8D5

 DBDEDC

 DBF4E3

 DBFFEB

Harmonies

Analogous

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



A265DE



DB45A9



ED3B6C

Triad

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



DB45A9



868700



009BD3

Complementary

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



DB45A9



45DB77

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.



009D99



DB45A9



3E9416

Square

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



DB45A9



BA7100



009B59



0093F6

Rectangle

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



DB45A9



E74A45



009B59



009CC1

Sweetspot

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



DB45A9



FFC9ED



7745DB



806075



000000



808080

Same Dimension

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



DB45A9



FF2EB9



DB455E



6E636A



AD0074



2E001F

Inverse Universe

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



DB45A9



FF2EB9



45DBC2



6E636A



AD0074



2E001F

Previews

White Background



This preview shows how the Hex color DB45A9 looks on a white background.

Color Contrast Check

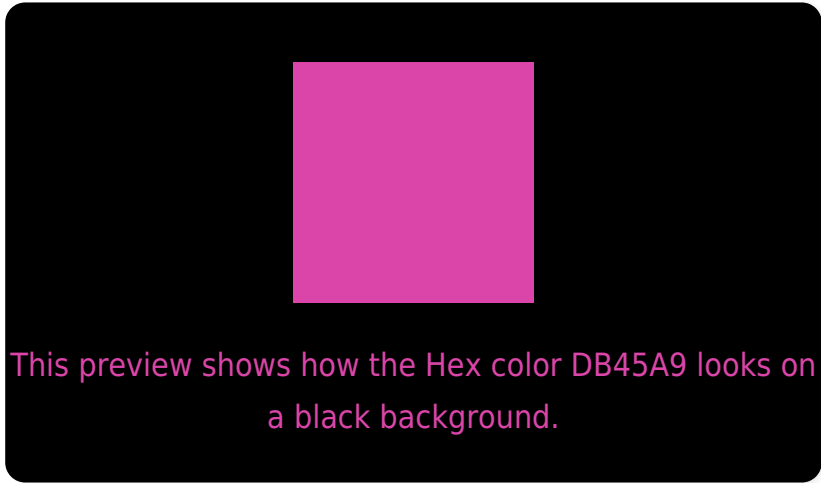
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB45A9 Background



This preview shows how black text looks on a background with the Hex color DB45A9.

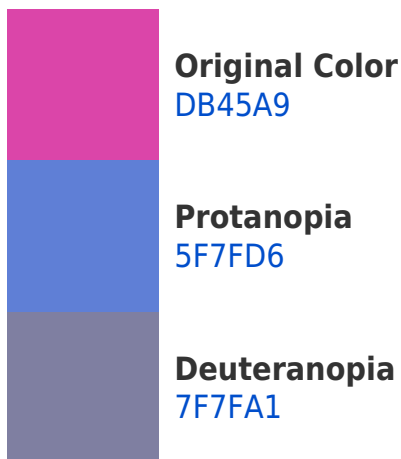


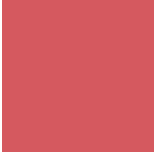
This preview shows how white text looks on a background with the Hex color DB45A9.

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
D5595F

Trichromacy



Original Color
DB45A9



Protanomaly
8C6AC6



Deuteranomaly
A06AA4



Tritanomaly
D7527A

Monochromacy



Original Color
DB45A9



Achromatopsia
7D7D7D



Achromatomaly
9F698D

CSS Examples

Text

The CSS property to change the color of the text to Hex DB45A9 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 #DB45A9 looks like.

```
.text, #text, p{  
    color:#DB45A9  
}
```

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 #DB45A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB45A9
}
```

Border

The CSS property to change the border of an element to Hex DB45A9 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
#DB45A9 }
```

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

```
.border{ border-color:#DB45A9 }
```

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

Here you see how a box with a 4 pixel #DB45A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB45A9; -webkit-box-shadow:4px 4px  
4px 4px #DB45A9; box-shadow:4px 4px 4px  
4px #DB45A9 }
```

Background

The CSS property to change the background color of an element to Hex DB45A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB45A9 }
```

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

```
.background{ background-color:#DB45A9 }
```

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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