

Converting Colors

Hex(DE49B7)

Have a look what the booklet for
Hex(DE49B7) contains.

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Color

Hex(DE49B7)

Conversions

Conversions Part 1

Format	Color
Hex	DE49B7
RGB	222, 73, 183
RGB Percent	87%, 29%, 72%
CMY	0.1294, 0.7137, 0.2824
CMYK	0.00, 0.67, 0.18, 0.13
HSL	316°, 69%, 58%
HSV	316°, 67%, 87%
XYZ	41.0540, 23.7136, 47.2131
YIQ	130.0910, 53.4940, 65.7980

Conversions

Conversions Part 2

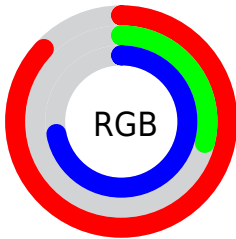
Format	Color
R _{YB}	222, 73, 183
Decimal	14567863
CIE Lab	55.80, 68.47, -27.59
CIE LCh	56, 73.822, 338.058
Yxy	23.7136, 0.3666, 0.2118
Android (android.graphics.Color)	4292757943 (0xFFDE49B7)
YUV	130.0910, 26.0841, 80.6042
Hunter-Lab	48.6966, 65.2666, -23.3962

Details

The Hex color **DE49B7** 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 **49DE70**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF84EF**, and **A30082** is the 20% darker color. If you saturate the color by 10%, you get **DE33B1**, and if you desaturate by 10%, it is **DE5FBD**.

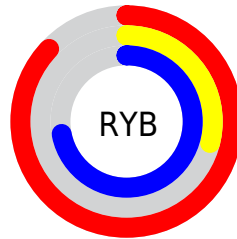
Distribution



Red (87%)

Green (29%)

Blue (72%)



Red (87%)

Yellow (29%)

Blue (72%)

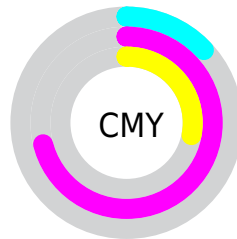


Cyan (0%)

Magenta (67%)

Yellow (18%)

Black (13%)



Cyan (13%)

Magenta (71%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE49B7 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 DE49B7 by changing the saturation by 10% instead.

 DE49B7

 DE49B7

FFFFFF

 C0279C

 FF84EF

 A30082

 FFA0FF

 860068

 FFBDFE

 6A0050

 FFDBFF

 4E0039

 FFF9FF

 340023

 0F0008

 000000

 DE49B7

 DE49B7

 DE33B1

 DE5FBD

 DE1DAB

 DE75C3

 DE06A6

 DE8CC8

 DE00A4

 DEA2CE

 DEB8D4

 DECEDA

 DEE4E0

 DEFBE5

 DEFFEB

Harmonies

Analogous

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



9B6CEC



DE49B7



F53977

Triad

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



DE49B7



928900



00A1D4

Complementary

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



DE49B7



49DE70

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.



00A296



DE49B7



4B9700

Square

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



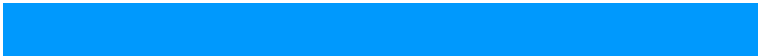
DE49B7



C67100



009F53



0099FD

Rectangle

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



DE49B7



F1464E



009F53



00A2C1

Sweetspot

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



DE49B7



FFCCF2



6E49DE



806177



000000



808080

Same Dimension

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



DE49B7



FF30C9



DE496E



70656D



B00082



300024

Inverse Universe

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



DE49B7



FF30C9



49DEB9



70656D



B00082



300024

Previews

White Background



This preview shows how the Hex color DE49B7 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 DE49B7 Background



This preview shows how black text looks on a background with the Hex color DE49B7.



This preview shows how white text looks on a background with the Hex color DE49B7.

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](#).

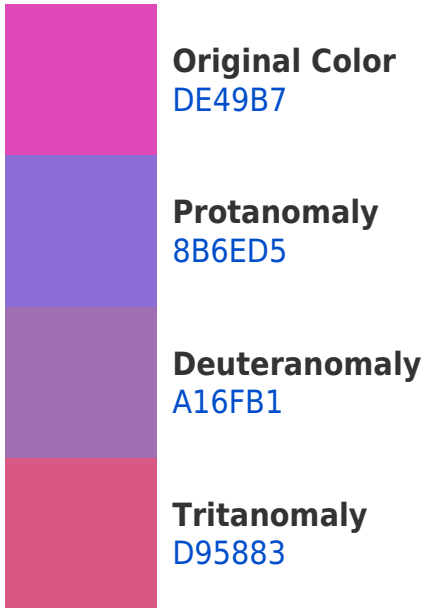
Dichromacy





Tritanopia
D66066

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE49B7 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 #DE49B7 looks like.

```
.text, #text, p{  
    color:#DE49B7  
}
```

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 #DE49B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE49B7
}
```

Border

The CSS property to change the border of an element to Hex DE49B7 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
#DE49B7 }
```

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

```
.border{ border-color:#DE49B7 }
```

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

Here you see how a box with a 4 pixel #DE49B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE49B7; -webkit-box-shadow:4px 4px  
4px 4px #DE49B7; box-shadow:4px 4px 4px  
4px #DE49B7 }
```

Background

The CSS property to change the background color of an element to Hex DE49B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE49B7 }
```

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

```
.background{ background-color:#DE49B7 }
```

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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