

Converting Colors

Hex(DE4DD9)

Have a look what the booklet for
Hex(DE4DD9) contains.

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Color

Hex(DE4DD9)

Conversions

Conversions Part 1

Format	Color
Hex	DE4DD9
RGB	222, 77, 217
RGB Percent	87%, 30%, 85%
CMY	0.1294, 0.6980, 0.1490
CMYK	0.00, 0.65, 0.02, 0.13
HSL	302°, 69%, 59%
HSV	302°, 65%, 87%
XYZ	45.3025, 25.8471, 68.2469
YIQ	136.3150, 41.4800, 74.2800

Conversions

Conversions Part 2

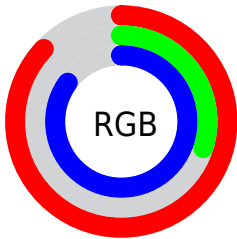
Format	Color
R _Y B	222, 77, 217
Decimal	14568921
CIE Lab	57.89, 72.07, -43.76
CIE LCh	58, 84.316, 328.734
Yxy	25.8471, 0.3250, 0.1854
Android (android.graphics.Color)	4292759001 (0xFFDE4DD9)
YUV	136.3150, 39.7777, 75.1457
Hunter-Lab	50.8400, 70.0874, -44.0020

Details

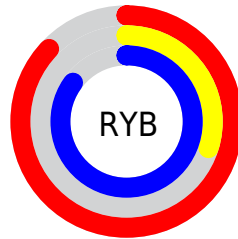
The Hex color **DE4DD9** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **4DDE52**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF88FF**, and **A300A1** is the 20% darker color. If you saturate the color by 10%, you get **DE37D8**, and if you desaturate by 10%, it is **DE63DA**.

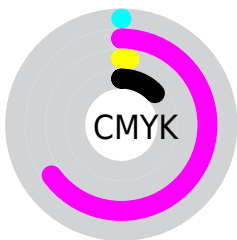
Distribution



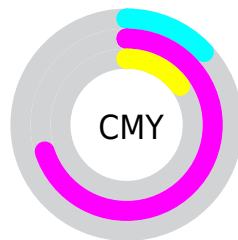
- Red (87%)
- Green (30%)
- Blue (85%)



- Red (87%)
- Yellow (30%)
- Blue (85%)



- Cyan (0%)
- Magenta (65%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (70%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE4DD9 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 DE4DD9 by changing the saturation by 10% instead.

 DE4DD9

 DE4DD9

FFFFFF

 C02CBD

 FF88FF

 A300A1

 FFA5FF

 870087

 FFC2FF

 6A006D

 FFDFFF

 4E0054

 FFFDFD

 35003C

 140025

 00010D

 000000

 DE4DD9

 DE4DD9

 DE37D8

 DE63DA

 DE21D7

 DE79DB

 DE0AD7

 DE90DB

 DE00D6

 DEA6DC

 DEBCDD

 DED2DE

 DEE8DE

 DEFFDF

 DEFFE0

Harmonies

Analogous

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



7879FF



DE4DD9



FF2192

Triad

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



DE4DD9



AB8700



00AAD1

Complementary

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



DE4DD9



4DDE52

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.



00AA86



DE4DD9



629B00

Square

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



DE4DD9



E26700



00A537



00A5FF

Rectangle

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



DE4DD9



FF2C61



00A537



00ABB9

Sweetspot

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



DE4DD9



FFCCFD



524DDE



80617E



000000



808080

Same Dimension

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



DE4DD9



FF38F8



DE4D91



706570



B000AA



30002F

Inverse Universe

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



DE4DD9



FF38F8



4DDE9A



706570



B000AA



30002F

Previews

White Background



This preview shows how the Hex color DE4DD9 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

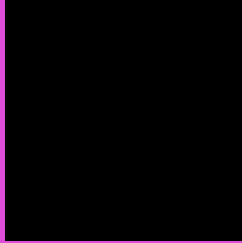
Any Text WCAG AA ✓ Pass

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 DE4DD9 Background



This preview shows how black text looks on a background with the Hex color DE4DD9.

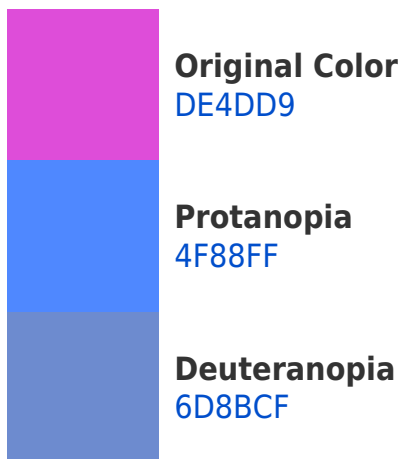



This preview shows how white text looks on a background with the Hex color DE4DD9.

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
D36C73

Trichromacy



Original Color
DE4DD9



Protanomaly
8373F1



Deuteranomaly
9674D3



Tritanomaly
D76198

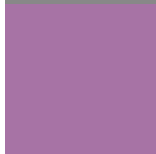
Monochromacy



Original Color
DE4DD9



Achromatopsia
888888



Achromatomaly
A773A5

CSS Examples

Text

The CSS property to change the color of the text to Hex DE4DD9 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 #DE4DD9 looks like.

```
.text, #text, p{  
    color:#DE4DD9  
}
```

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 #DE4DD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE4DD9
}
```

Border

The CSS property to change the border of an element to Hex DE4DD9 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
#DE4DD9 }
```

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

```
.border{ border-color:#DE4DD9 }
```

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

Here you see how a box with a 4 pixel #DE4DD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE4DD9; -webkit-box-shadow:4px 4px  
4px 4px #DE4DD9; box-shadow:4px 4px 4px  
4px #DE4DD9 }
```

Background

The CSS property to change the background color of an element to Hex DE4DD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE4DD9 }
```

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

```
.background{ background-color:#DE4DD9 }
```

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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