

Converting Colors

Hex(D99BE4)

Have a look what the booklet for
Hex(D99BE4) contains.

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Color

Hex(D99BE4)

Conversions

Conversions Part 1

Format	Color
Hex	D99BE4
RGB	217, 155, 228
RGB Percent	85%, 61%, 89%
CMY	0.1490, 0.3922, 0.1059
CMYK	0.05, 0.32, 0.00, 0.11
HSL	291°, 57%, 75%
HSV	291°, 32%, 89%
XYZ	54.3402, 43.7958, 78.9882
YIQ	181.8600, 13.5190, 35.8470

Conversions

Conversions Part 2

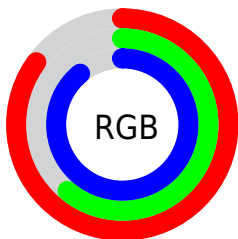
Format	Color
RYB	217, 155, 228
Decimal	14261220
CIELab	72.09, 35.28, -27.82
CIELCh	72, 44.930, 321.736
Yxy	43.7958, 0.3068, 0.2473
Android (android.graphics.Color)	4292451300 (0xFFD99BE4)
YUV	181.8600, 22.7470, 30.8178
Hunter-Lab	66.1784, 30.7571, -24.4415

Details

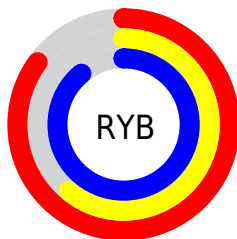
The Hex color **D99BE4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A6E49B**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFD2FF**, and **A167AC** is the 20% darker color. If you saturate the color by 10%, you get **D684E4**, and if you desaturate by 10%, it is **DCB2E4**.

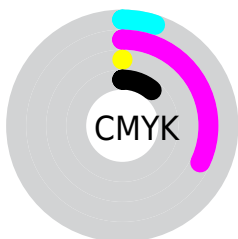
Distribution



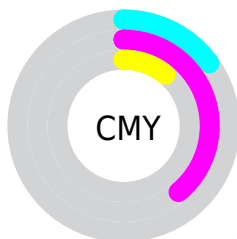
- Red (85%)
- Green (61%)
- Blue (89%)



- Red (85%)
- Yellow (61%)
- Blue (89%)



- Cyan (5%)
- Magenta (32%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (39%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color D99BE4 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 D99BE4 by changing the saturation by 10% instead.

 D99BE4

FFFFFF

 FFD2FF

 FFEFFF

 D99BE4

 BD80C8

 A167AC

 864E92

 6C3578

 531D5F

 3A0347

 250030

 00001A

 000000

 D99BE4

 D99BE4

 D684E4

 DCB2E4

 D26DE4

 E0C9E4

 CF57E4

 E3DFE4

 CB40E4

 E7F6E4

 C829E4

 EAFFE4

 C412E4

 EEFFE4

 C200E4

 F1FFE4

 F4FFE4

 F8FFE4

Harmonies

Analogous

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



A3AAFD



D99BE4



F891BE

Triad

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



D99BE4



D4AA5F



00C6CE

Complementary

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



D99BE4



A6E49B

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.



3DC5A4



D99BE4



ADB862

Square

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



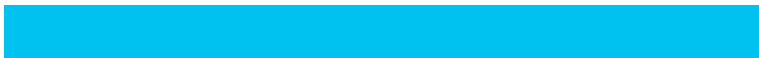
D99BE4



F29C72



7DC17C



00C2F0

Rectangle

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



D99BE4



FF90A2



7DC17C



00C6C0

Sweetspot

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



D99BE4



FBE6FF



9BA7E4



7D7080



000000



808080

Same Dimension

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



D99BE4



F09EFF



E49BCC



716773



9800B3



2B0033

Inverse Universe

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



E49BA6



FF9EAD



9BE4B3



736769



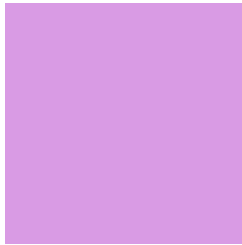
B3001B



330008

Previews

White Background



This preview shows how the Hex color D99BE4 looks on a white background.

Color Contrast Check

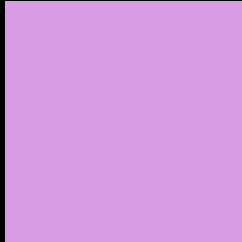
Large Text (above 18pt) WCAG AA × Fail

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 D99BE4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

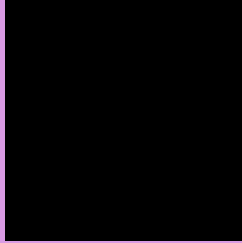
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D99BE4 Background



This preview shows how black text looks on a background with the Hex color D99BE4.

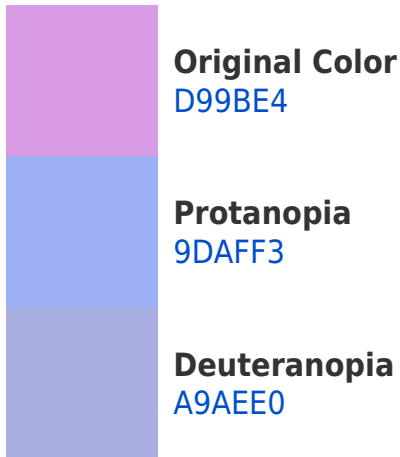


This preview shows how white text looks on a background with the Hex color D99BE4.

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
D2A5B2

Trichromacy



Original Color
D99BE4



Protanomaly
B3A8EE



Deuteranomaly
BAA7E1



Tritanomaly
D5A1C4

Monochromacy



Original Color
D99BE4



Achromatopsia
B6B6B6



Achromatomaly
C3ACC7

CSS Examples

Text

The CSS property to change the color of the text to Hex D99BE4 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 #D99BE4 looks like.

```
.text, #text, p{  
  color:#D99BE4  
}
```

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 #D99BE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D99BE4
}
```

Border

The CSS property to change the border of an element to Hex D99BE4 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
#D99BE4 }
```

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

```
.border{ border-color:#D99BE4 }
```

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

Here you see how a box with a 4 pixel #D99BE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D99BE4; -webkit-box-shadow:4px 4px  
4px 4px #D99BE4; box-shadow:4px 4px 4px  
4px #D99BE4 }
```

Background

The CSS property to change the background color of an element to Hex D99BE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D99BE4 }
```

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

```
.background{ background-color:#D99BE4 }
```

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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