

Converting Colors

Hex(D688DD)

Have a look what the booklet for
Hex(D688DD) contains.

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Color

Hex(D688DD)

Conversions

Conversions Part 1

Format	Color
Hex	D688DD
RGB	214, 136, 221
RGB Percent	84%, 53%, 87%
CMY	0.1608, 0.4667, 0.1333
CMYK	0.03, 0.38, 0.00, 0.13
HSL	295°, 56%, 70%
HSV	295°, 38%, 87%
XYZ	49.5869, 37.1249, 72.9589
YIQ	169.0120, 19.2030, 42.9710

Conversions

Conversions Part 2

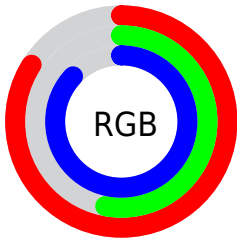
Format	Color
R_{YB}	214, 136, 221
Decimal	14059741
CIE _{Lab}	67.37, 43.16, -31.27
CIE _{LCh}	67, 53.294, 324.074
Yxy	37.1249, 0.3106, 0.2325
Android (android.graphics.Color)	4292249821 (0xFFD688DD)
YUV	169.0120, 25.6301, 39.4545
Hunter-Lab	60.9302, 38.6408, -28.3437

Details

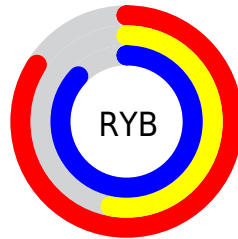
The Hex color **D688DD** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **8FDD88**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFBFFF**, and **9E54A6** is the 20% darker color. If you saturate the color by 10%, you get **D472DD**, and if you desaturate by 10%, it is **D89EDD**.

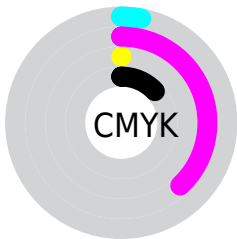
Distribution



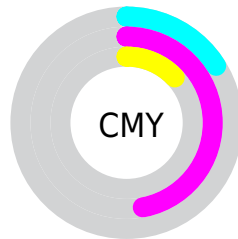
- Red (84%)
- Green (53%)
- Blue (87%)



- Red (84%)
- Yellow (53%)
- Blue (87%)



- Cyan (3%)
- Magenta (38%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color D688DD 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 D688DD by changing the saturation by 10% instead.

 D688DD

 D688DD

FFFFFF

 BA6EC1

 FFBFFF

 9E54A6

 FFDBFF

 833B8B

 FFF8FF

 682171

 4E0158

 350041

 20002A

 000114

 000000

 D688DD

 D688DD

 D472DD

 D89EDD

 D25CDD

 DAB4DD

 D146DD

 DBCADD

 CF30DD

 DDE0DD

 CD19DD

 DFF7DD

 CB03DD

 E1FFDD

 CB00DD

 E3FFDD

 E5FFDD

 E6FFDD

Harmonies

Analogous

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



979BFC



D688DD



F77BB0

Triad

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



D688DD



C89E41



00BCCA

Complementary

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



D688DD



8FDD88

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.



00BB99



D688DD



99AD48

Square

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



D688DD



EB8C57



5EB769



00B7F1

Rectangle

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



D688DD



FE7B8F



5EB769



00BCBA

Sweetspot

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



D688DD



FCE0FF



888FDD



7E6E80



000000



808080

Same Dimension

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



D688DD



F58AFF



DD88BA



6D636E



9F00AD



2A002E

Inverse Universe

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



DD888F



FF8A93



88DDAB



6E6364



AD000E



2E0004

Previews

White Background



This preview shows how the Hex color D688DD looks on a white background.

Color Contrast Check

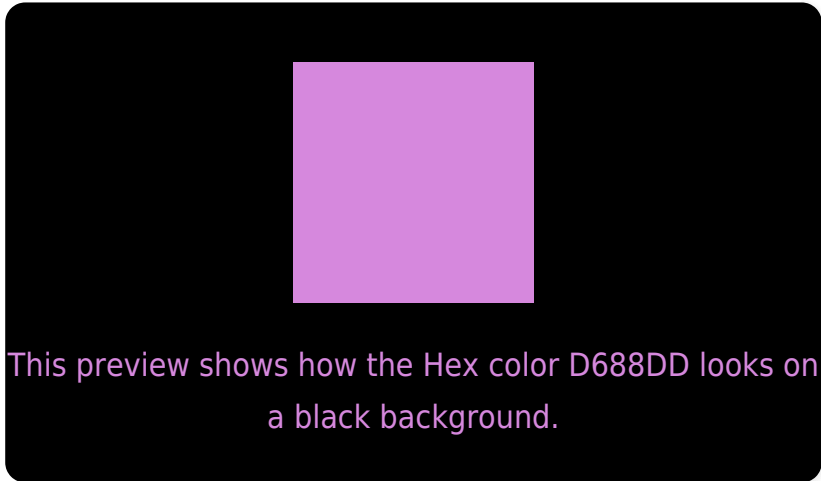
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 D688DD Background



This preview shows how black text looks on a background with the Hex color D688DD.

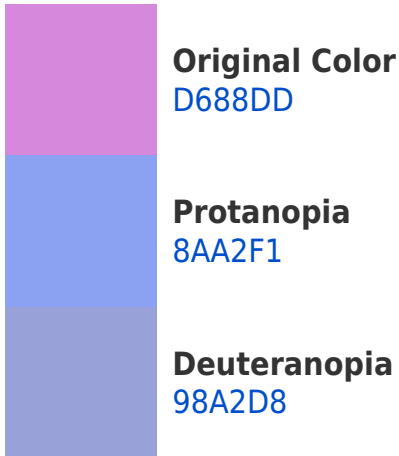


This preview shows how white text looks on a background with the Hex color D688DD.

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
CE95A0

Trichromacy



Original Color
D688DD



Protanomaly
A699EA



Deuteranomaly
AF99DA



Tritanomaly
D190B6

Monochromacy



Original Color
D688DD



Achromatopsia
A9A9A9



Achromatomaly
B99DBC

CSS Examples

Text

The CSS property to change the color of the text to Hex D688DD 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 #D688DD looks like.

```
.text, #text, p{  
    color:#D688DD  
}
```

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 #D688DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D688DD
}
```

Border

The CSS property to change the border of an element to Hex D688DD 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
#D688DD }
```

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

```
.border{ border-color:#D688DD }
```

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

Here you see how a box with a 4 pixel #D688DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D688DD; -webkit-box-shadow:4px 4px  
4px 4px #D688DD; box-shadow:4px 4px 4px  
4px #D688DD }
```

Background

The CSS property to change the background color of an element to Hex D688DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D688DD }
```

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

```
.background{ background-color:#D688DD }
```

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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