

Converting Colors

Hex(D468DD)

Have a look what the booklet for
Hex(D468DD) contains.

Hex(D468DD)	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(D468DD)

Conversions

Conversions Part 1

Format	Color
Hex	D468DD
RGB	212, 104, 221
RGB Percent	83%, 41%, 87%
CMY	0.1686, 0.5922, 0.1333
CMYK	0.04, 0.53, 0.00, 0.13
HSL	295°, 63%, 64%
HSV	295°, 53%, 87%
XYZ	45.1528, 29.1181, 71.6472
YIQ	149.6300, 26.8110, 59.2830

Conversions

Conversions Part 2

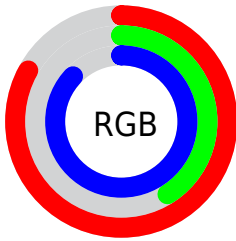
Format	Color
R_{YB}	212, 104, 221
Decimal	13920477
CIE _{Lab}	60.89, 58.73, -41.40
CIE _{LCh}	61, 71.856, 324.824
Yxy	29.1181, 0.3094, 0.1996
Android (android.graphics.Color)	4292110557 (0xFFD468DD)
YUV	149.6300, 35.1854, 54.6985
Hunter-Lab	53.9612, 54.9303, -40.9496

Details

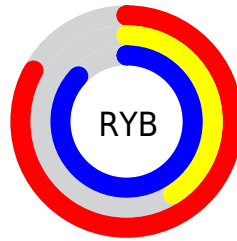
The Hex color **D468DD** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **71DD68**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FF9FFF**, and **9B30A5** is the 20% darker color. If you saturate the color by 10%, you get **D252DD**, and if you desaturate by 10%, it is **D67EDD**.

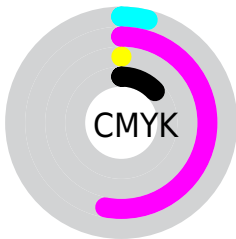
Distribution



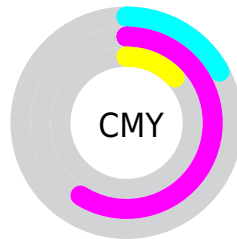
- Red (83%)
- Green (41%)
- Blue (87%)



- Red (83%)
- Yellow (41%)
- Blue (87%)



- Cyan (4%)
- Magenta (53%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (59%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color D468DD 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 D468DD by changing the saturation by 10% instead.

 D468DD

 D468DD

FFFFFF

 B74DC1

 FF9FFF

 9B30A5

 FFBBFF

 7F0B8B

 FFD8FF

 640071

 FFF6FF

 490058

 310040

 100029

 000112

 000000

 D468DD

 D468DD

 D252DD

 D67EDD

 D13CDD

 D794DD

 CF26DD

 D9AADD

 CD10DD

 DBC0DD

 CC00DD

 DDD7DD

 DEEDDD

 E0FFDD

 E2FFDD

 E3FFDD

Harmonies

Analogous

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



7987FF



D468DD



FD50A1

Triad

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



D468DD



B98C00



00B0C7

Complementary

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



D468DD



71DD68

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.



00AF85



D468DD



7D9F00

Square

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



D468DD



E77227



02AA44



00ABFA

Rectangle

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



D468DD



FF5076



02AA44



00B0B2

Sweetspot

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



D468DD



FCD6FF



6872DD



7E6780



000000



808080

Same Dimension

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



D468DD



F25CFF



DD68AC



6D636E



A000AD



2A002E

Inverse Universe

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



DD6871



FF5C68



68DD99



6E6364



AD000D



2E0004

Previews

White Background



This preview shows how the Hex color D468DD looks on a white background.

Color Contrast Check

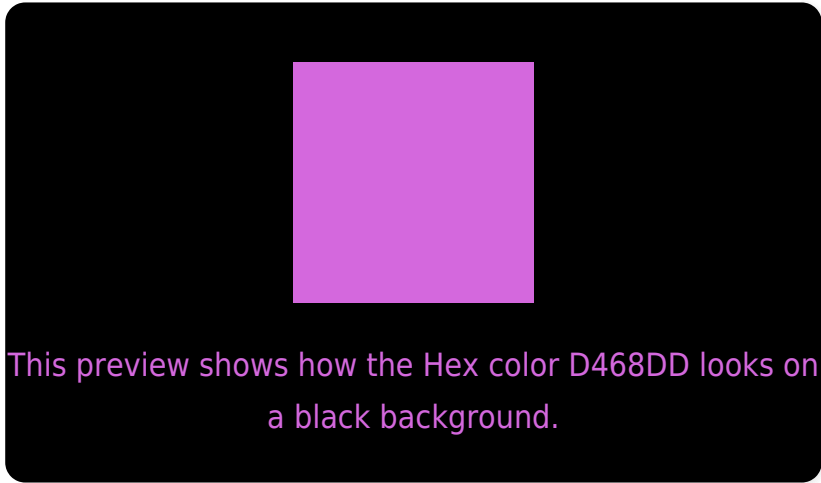
Large Text (above 18pt) WCAG AA ✓ Pass

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

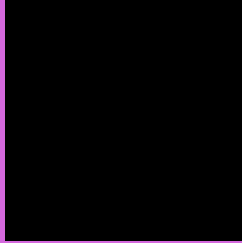
Any Text WCAG AA ✓ Pass

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 D468DD Background



This preview shows how black text looks on a background with the Hex color D468DD.

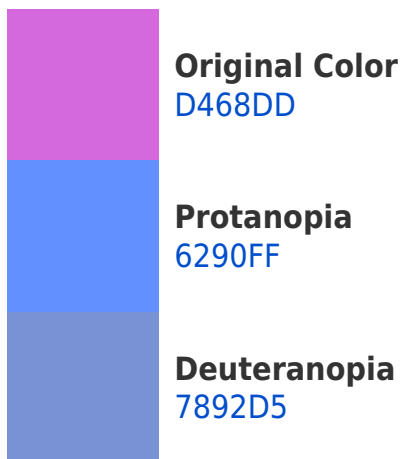


This preview shows how white text looks on a background with the Hex color D468DD.

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
C97E87

Trichromacy



Original Color
D468DD



Protanomaly
8B81F3



Deuteranomaly
9983D8



Tritanomaly
CD76A6

Monochromacy



Original Color
D468DD



Achromatopsia
969696



Achromatomaly
AD85B0

CSS Examples

Text

The CSS property to change the color of the text to Hex D468DD 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 #D468DD looks like.

```
.text, #text, p{  
    color:#D468DD  
}
```

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 #D468DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D468DD
}
```

Border

The CSS property to change the border of an element to Hex D468DD 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
#D468DD }
```

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

```
.border{ border-color:#D468DD }
```

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

Here you see how a box with a 4 pixel #D468DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D468DD; -webkit-box-shadow:4px 4px  
4px 4px #D468DD; box-shadow:4px 4px 4px  
4px #D468DD }
```

Background

The CSS property to change the background color of an element to Hex D468DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D468DD }
```

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

```
.background{ background-color:#D468DD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor