

Converting Colors

Hex(D168BD)

Have a look what the booklet for
Hex(D168BD) contains.

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Color

Hex(D168BD)

Conversions

Conversions Part 1

Format	Color
Hex	D168BD
RGB	209, 104, 189
RGB Percent	82%, 41%, 74%
CMY	0.1804, 0.5922, 0.2588
CMYK	0.00, 0.50, 0.10, 0.18
HSL	311°, 53%, 61%
HSV	311°, 50%, 82%
XYZ	40.4301, 27.1301, 51.2498
YIQ	145.0850, 35.2950, 48.6950

Conversions

Conversions Part 2

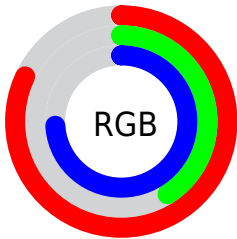
Format	Color
R_{YB}	209, 104, 189
Decimal	13723837
CIE _{Lab}	59.09, 52.35, -26.10
CIE _{LCh}	59, 58.496, 333.499
Yxy	27.1301, 0.3403, 0.2283
Android (android.graphics.Color)	4291913917 (0xFFD168BD)
YUV	145.0850, 21.6501, 56.0535
Hunter-Lab	52.0865, 47.4022, -21.8770

Details

The Hex color **D168BD** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **68D17C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF9FF5**, and **983287** is the 20% darker color. If you saturate the color by 10%, you get **D153B9**, and if you desaturate by 10%, it is **D17DC1**.

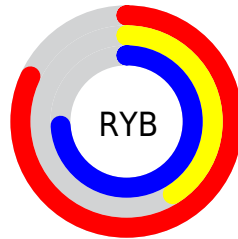
Distribution



Red (82%)

Green (41%)

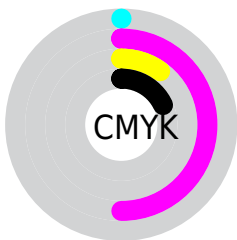
Blue (74%)



Red (82%)

Yellow (41%)

Blue (74%)

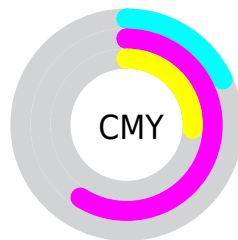


Cyan (0%)

Magenta (50%)

Yellow (10%)

Black (18%)



Cyan (18%)

Magenta (59%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color D168BD 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 D168BD by changing the saturation by 10% instead.

 D168BD

 D168BD

FFFFFF

 B44DA2

 FF9FF5

 983287

 FFBBF5

 7D126E

 FFD7FF

 620055

 FFF4FF

 47003E

 310028

 060011

 000000

 D168BD

 D168BD

 D153B9

 D17DC1

 D13EB5

 D192C5

 D129B1

 D1A7C9

 D114AD

 D1BCCD

 D100A9

 D1D1D1

 D1E5D5

 D1FAD9

 D1FFDD

 D1FFE1

Harmonies

Analogous

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



977EE4



D168BD



EA5D8A

Triad

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



D168BD



A38E1A



00A6C6

Complementary

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



D168BD



68D17C

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.



00A793



D168BD



6E9B31

Square

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



D168BD



CC7A2F



01A35E



009FEA

Rectangle

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



D168BD



EA6168



01A35E



00A7B6

Sweetspot

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



D168BD



FFD9F8



7B68D1



80697B



000000



808080

Same Dimension

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



D168BD



FF66E2



D16889



695E67



A80088



290021

Inverse Universe

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



D168BD



FF66E2



68D1B0



695E67



A80088



290021

Previews

White Background



This preview shows how the Hex color D168BD looks on a white background.

Color Contrast Check

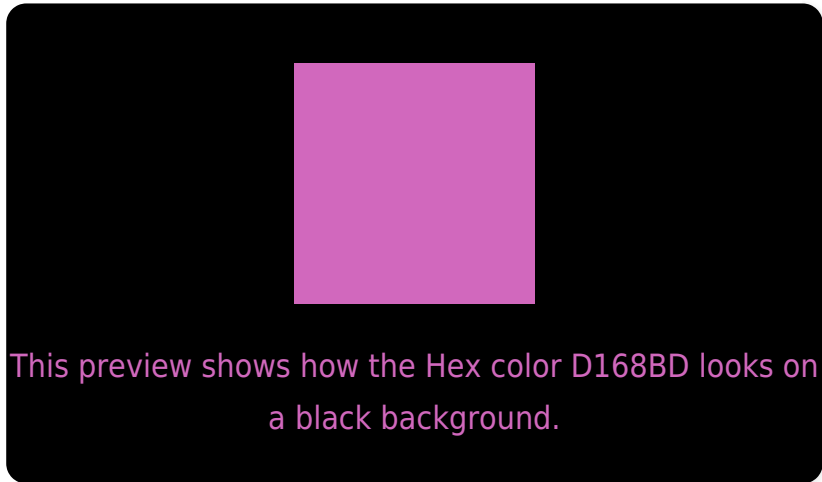
Large Text (above 18pt) WCAG AA ✓ Pass

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

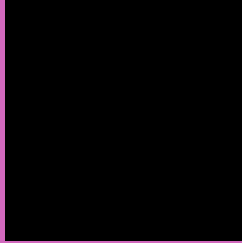
Any Text WCAG AA ✓ Pass

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 D168BD Background



This preview shows how black text looks on a background with the Hex color D168BD.

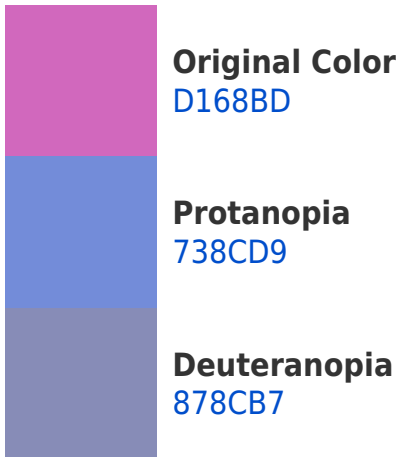



This preview shows how white text looks on a background with the Hex color D168BD.

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](#).

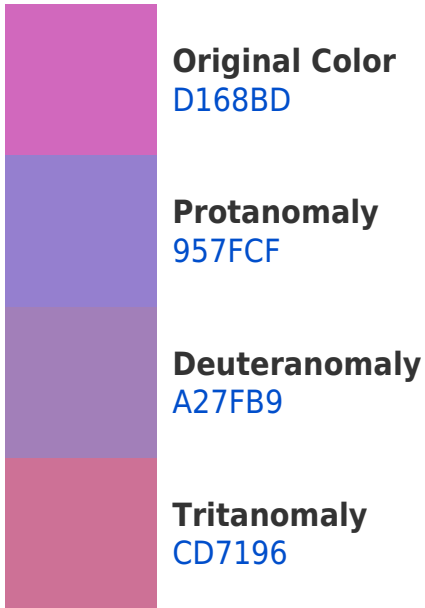
Dichromacy





Tritanopia
CA767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D168BD 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 #D168BD looks like.

```
.text, #text, p{  
    color:#D168BD  
}
```

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 #D168BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D168BD
}
```

Border

The CSS property to change the border of an element to Hex D168BD 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
#D168BD }
```

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

```
.border{ border-color:#D168BD }
```

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

Here you see how a box with a 4 pixel #D168BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D168BD; -webkit-box-shadow:4px 4px  
4px 4px #D168BD; box-shadow:4px 4px 4px  
4px #D168BD }
```

Background

The CSS property to change the background color of an element to Hex D168BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D168BD }
```

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

```
.background{ background-color:#D168BD }
```

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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