

Converting Colors

Hex(D871B8)

Have a look what the booklet for
Hex(D871B8) contains.

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Color

Hex(D871B8)

Conversions

Conversions Part 1

Format	Color
Hex	D871B8
RGB	216, 113, 184
RGB Percent	85%, 44%, 72%
CMY	0.1529, 0.5569, 0.2784
CMYK	0.00, 0.48, 0.15, 0.15
HSL	319°, 57%, 65%
HSV	319°, 48%, 85%
XYZ	42.8758, 29.8699, 48.8531
YIQ	151.8910, 38.5970, 43.9170

Conversions

Conversions Part 2

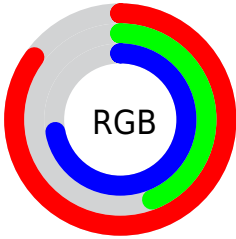
Format	Color
RYB	216, 113, 184
Decimal	14184888
CIELab	61.54, 49.23, -19.42
CIElCh	62, 52.926, 338.475
Yxy	29.8699, 0.3526, 0.2456
Android (android.graphics.Color)	4292374968 (0xFFD871B8)
YUV	151.8910, 15.8297, 56.2236
Hunter-Lab	54.6533, 44.3906, -14.7403

Details

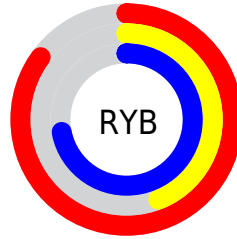
The Hex color **D871B8** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **71D891**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA8F0**, and **9F3C83** is the 20% darker color. If you saturate the color by 10%, you get **D85BB1**, and if you desaturate by 10%, it is **D887BF**.

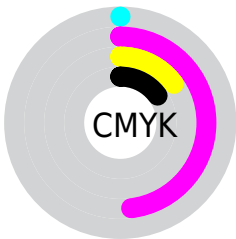
Distribution



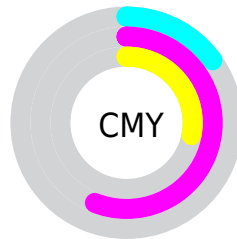
- Red (85%)
- Green (44%)
- Blue (72%)



- Red (85%)
- Yellow (44%)
- Blue (72%)



- Cyan (0%)
- Magenta (48%)
- Yellow (15%)
- Black (15%)



- Cyan (15%)
- Magenta (56%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color D871B8 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 D871B8 by changing the saturation by 10% instead.

 D871B8

 D871B8

FFFFFF

 BB569D

 FFA8F0

 9F3C83

 FFC4FF

 831F6A

 FFE0FF

 680051

FFFEFF

 4E003A

 360025

 17000C

 000000

 D871B8

 D871B8

 D85BB1

 D887BF

 D846AB

 D89CC5

 D830A4

 D8B2CC

 D81B9D

 D8C7D3

 D80596

 D8DDDA

 D80095

 D8F3E0

 D8FFE7

 D8FFEE

 D8FFF4

Harmonies

Analogous

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



A983DE



D871B8



EB6B89

Triad

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



D871B8



A29631



00AACE

Complementary

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



D871B8



71D891

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.



00ACA1



D871B8



70A247

Square

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



D871B8



CA863C



19A970



00A3EB

Rectangle

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



D871B8



E9706B



19A970



00ABC0

Sweetspot

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



D871B8



FFDBF4



9071D8



806A79



000000



808080

Same Dimension

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



D871B8



FF6ED2



D87186



6B6068



AB0076



2B001E

Inverse Universe

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



D871B8



FF6ED2



71D8C3



6B6068



AB0076



2B001E

Previews

White Background



This preview shows how the Hex color D871B8 looks on a white background.

Color Contrast Check

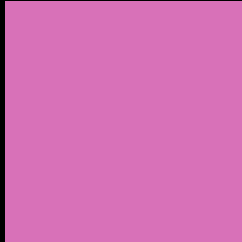
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color D871B8 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 × Fail

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

Hex D871B8 Background



This preview shows how black text looks on a background with the Hex color D871B8.

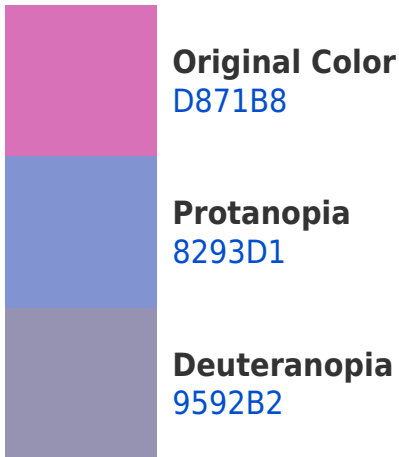


This preview shows how white text looks on a background with the Hex color D871B8.

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
D37C85

Trichromacy



Original Color
D871B8



Protanomaly
A187C8



Deuteranomaly
AD86B4

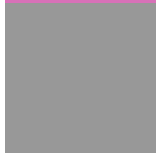


Tritanomaly
D57898

Monochromacy



Original Color
D871B8



Achromatopsia
989898



Achromatomaly
AF8AA4

CSS Examples

Text

The CSS property to change the color of the text to Hex D871B8 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 #D871B8 looks like.

```
.text, #text, p{  
    color:#D871B8  
}
```

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 #D871B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D871B8
}
```

Border

The CSS property to change the border of an element to Hex D871B8 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
#D871B8 }
```

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

```
.border{ border-color:#D871B8 }
```

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

Here you see how a box with a 4 pixel #D871B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D871B8; -webkit-box-shadow:4px 4px  
4px 4px #D871B8; box-shadow:4px 4px 4px  
4px #D871B8 }
```

Background

The CSS property to change the background color of an element to Hex D871B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D871B8 }
```

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

```
.background{ background-color:#D871B8 }
```

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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