

Converting Colors

Hex(D871A6)

Have a look what the booklet for
Hex(D871A6) contains.

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Color

Hex(D871A6)

Conversions

Conversions Part 1

Format	Color
Hex	D871A6
RGB	216, 113, 166
RGB Percent	85%, 44%, 65%
CMY	0.1529, 0.5569, 0.3490
CMYK	0.00, 0.48, 0.23, 0.15
HSL	329°, 57%, 65%
HSV	329°, 48%, 85%
XYZ	41.1070, 29.1624, 39.5387
YIQ	149.8390, 44.3750, 38.3190

Conversions

Conversions Part 2

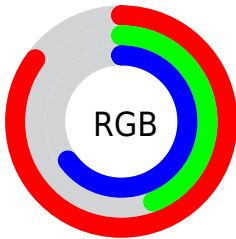
Format	Color
R _Y B	216, 113, 166
Decimal	14184870
CIE Lab	60.92, 46.55, -10.06
CIE LCh	61, 47.622, 347.807
Yxy	29.1624, 0.3744, 0.2656
Android (android.graphics.Color)	4292374950 (0xFFD871A6)
YUV	149.8390, 7.9674, 58.0232
Hunter-Lab	54.0022, 41.3720, -5.6088

Details

The Hex color **D871A6** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **71D8A3**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFA7DD**, and **9F3C72** is the 20% darker color. If you saturate the color by 10%, you get **D85B9C**, and if you desaturate by 10%, it is **D887B0**.

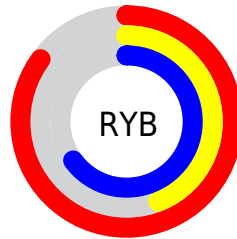
Distribution



Red (85%)

Green (44%)

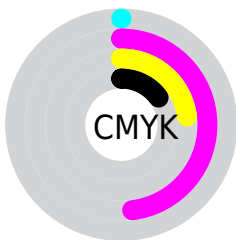
Blue (65%)



Red (85%)

Yellow (44%)

Blue (65%)

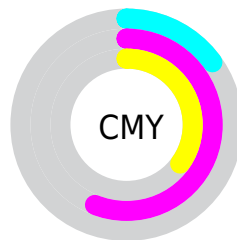


Cyan (0%)

Magenta (48%)

Yellow (23%)

Black (15%)



Cyan (15%)

Magenta (56%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color D871A6 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 D871A6 by changing the saturation by 10% instead.

 D871A6

 D871A6

FFFFFF

 BB578C

 FFA7DD

 9F3C72

 FFC3FA

 83215A

 FFE0FF

 680042

 FFFDFF

 4D002C

 360018

 120000

 000000

 D871A6

 D871A6

 D85B9C

 D887B0

 D84691

 D89CBB

 D83087

 D8B2C5

 D81B7C

 D8C7D0

 D80572

 D8DDDA

 D8006F

 D8F3E5

 D8FFE5

 D8FFFA

 D8FFFF

Harmonies

Analogous

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



B67ECC



D871A6



E2707C

Triad

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



D871A6



93983F



00A5D0

Complementary

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



D871A6



71D8A3

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.



00A8AB



D871A6



63A258

Square

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



D871A6



BA8B3F



00A780



009CE5

Rectangle

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



D871A6



DC7662



00A780



00A6C5

Sweetspot

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



D871A6



FFDBEE



A371D8



806A75



000000



808080

Same Dimension

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



D871A6



FF6EB8



D87173



6B6066



AB0058



2B0016

Inverse Universe

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



D871A6



FF6EB8



71D8D6



6B6066



AB0058



2B0016

Previews

White Background



This preview shows how the Hex color D871A6 looks on a white background.

Color Contrast Check

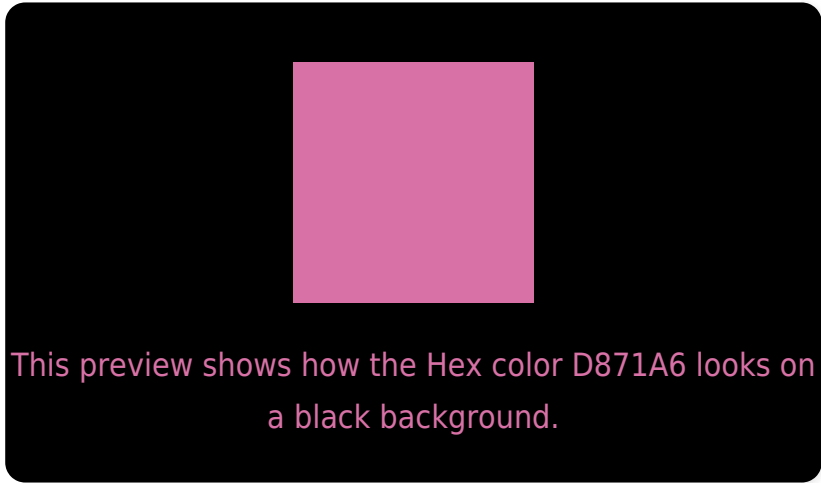
Large Text (above 18pt) WCAG AA ✓ Pass

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 D871A6 Background



This preview shows how black text looks on a background with the Hex color D871A6.

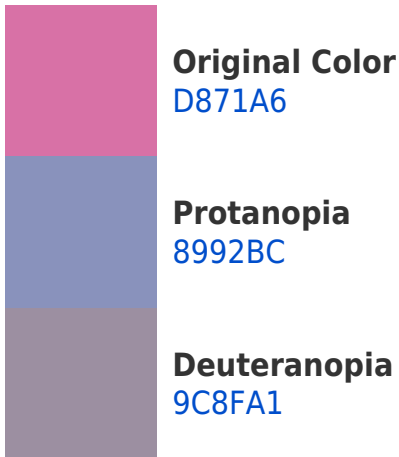


This preview shows how white text looks on a background with the Hex color D871A6.

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
D47881

Trichromacy



Original Color
D871A6



Protanomaly
A686B4



Deuteranomaly
B284A3

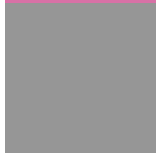


Tritanomaly
D5758E

Monochromacy



Original Color
D871A6



Achromatopsia
969696



Achromatomaly
AE899C

CSS Examples

Text

The CSS property to change the color of the text to Hex D871A6 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 #D871A6 looks like.

```
.text, #text, p{  
    color:#D871A6  
}
```

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 #D871A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D871A6  
}
```

Border

The CSS property to change the border of an element to Hex D871A6 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  
#D871A6 }
```

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

```
.border{ border-color:#D871A6 }
```

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

Here you see how a box with a 4 pixel #D871A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D871A6; -webkit-box-shadow:4px 4px  
4px 4px #D871A6; box-shadow:4px 4px 4px  
4px #D871A6 }
```

Background

The CSS property to change the background color of an element to Hex D871A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D871A6 }
```

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

```
.background{ background-color:#D871A6 }
```

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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