

Converting Colors

Hex(B071DA)

Have a look what the booklet for
Hex(B071DA) contains.

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Color

Hex(**B071DA**)

Conversions

Conversions Part 1

Format	Color
Hex	B071DA
RGB	176, 113, 218
RGB Percent	69%, 44%, 85%
CMY	0.3098, 0.5569, 0.1451
CMYK	0.19, 0.48, 0.00, 0.15
HSL	276°, 59%, 65%
HSV	276°, 48%, 85%
XYZ	36.4645, 26.1023, 69.4460
YIQ	143.8070, 3.8430, 46.0110

Conversions

Conversions Part 2

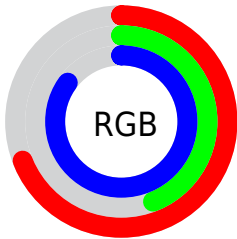
Format	Color
RYB	176, 113, 218
Decimal	11563482
CIELab	58.13, 43.77, -44.34
CIELCh	58, 62.304, 314.629
Yxy	26.1023, 0.2762, 0.1977
Android (android.graphics.Color)	4289753562 (0xFFB071DA)
YUV	143.8070, 36.5771, 28.2333
Hunter-Lab	51.0904, 37.9917, -44.8282

Details

The Hex color **B071DA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9BDA71**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **E9A6FF**, and **793EA2** is the 20% darker color. If you saturate the color by 10%, you get **A75BDA**, and if you desaturate by 10%, it is **B987DA**.

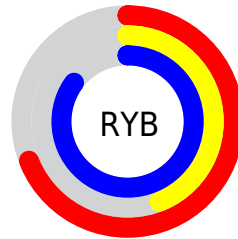
Distribution



Red (69%)

Green (44%)

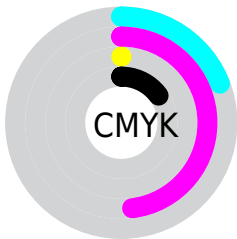
Blue (85%)



Red (69%)

Yellow (44%)

Blue (85%)

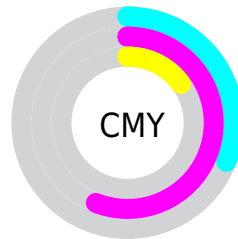


Cyan (19%)

Magenta (48%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (56%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B071DA 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 B071DA by changing the saturation by 10% instead.

 B071DA

 B071DA

FFFFFF

 9457BE

 E9A6FF

 793EA2

 FFC2FF

 5E2588

 FFDEFF

 44096E

 FFFBFF

 290055

 12003D

 000326

 00010F

 000000

 B071DA

 B071DA

 A75BDA

 B987DA

 9F45DA

 C19DDA

 9630DA

 CAB2DA

 8D1ADA

 D3C8DA

 8404DA

 DCDEDA

 8300DA

 E4F4DA

 EDFFDA

 F6FFDA

 FEFFDA

Harmonies

Analogous

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



4E89F6



B071DA



E05BAA

Triad

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



B071DA



BE7F15



00A5A6

Complementary

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



B071DA



9BDA71

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.



00A36D



B071DA



8E910A

Square

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



B071DA



E06841



4E9D38



00A3D7

Rectangle

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



B071DA



ED5586



4E9D38



00A593

Sweetspot

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



B071DA



F1DBFF



719BDA



776A80



000000



808080

Same Dimension

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



B071DA



C46BFF



DA71D0



69636E



6800AD



1C002E

Inverse Universe

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



DA719B



FF6BA6



71DA7B



6E6367



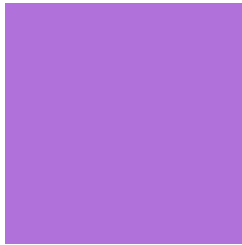
AD0045



2E0012

Previews

White Background



This preview shows how the Hex color B071DA looks on a white background.

Color Contrast Check

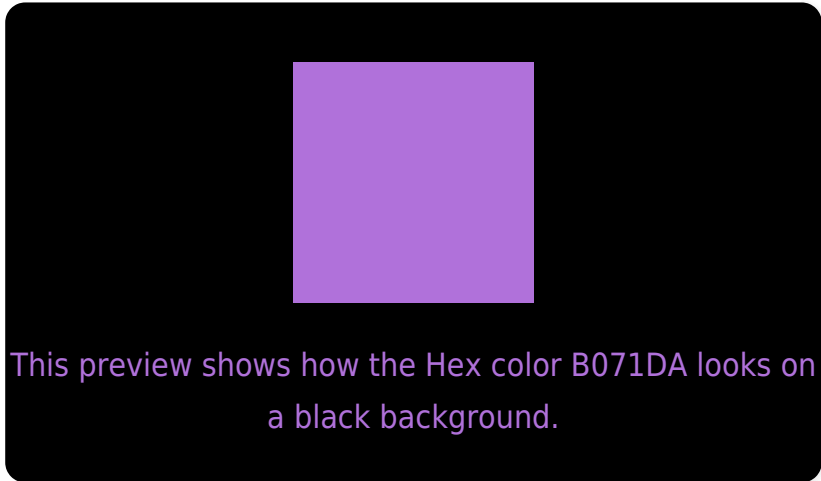
Large Text (above 18pt) WCAG AA ✓ Pass

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

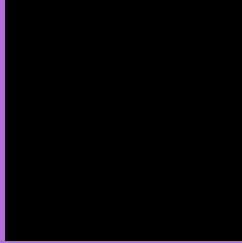
Any Text WCAG AA ✓ Pass

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 B071DA Background



This preview shows how black text looks on a background with the Hex color B071DA.

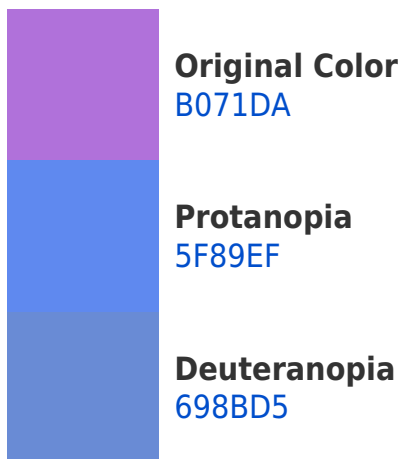



This preview shows how white text looks on a background with the Hex color B071DA.

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
A4838D

Trichromacy



Original Color
B071DA



Protanomaly
7C80E7



Deuteranomaly
8382D7



Tritanomaly
A87CA9

Monochromacy



Original Color
B071DA



Achromatopsia
909090



Achromatomaly
9C85AB

CSS Examples

Text

The CSS property to change the color of the text to Hex B071DA 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 #B071DA looks like.

```
.text, #text, p{  
    color:#B071DA  
}
```

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 #B071DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B071DA
}
```

Border

The CSS property to change the border of an element to Hex B071DA 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
#B071DA }
```

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

```
.border{ border-color:#B071DA }
```

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

Here you see how a box with a 4 pixel #B071DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B071DA; -webkit-box-shadow:4px 4px  
4px 4px #B071DA; box-shadow:4px 4px 4px  
4px #B071DA }
```

Background

The CSS property to change the background color of an element to Hex B071DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B071DA }
```

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

```
.background{ background-color:#B071DA }
```

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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