

Converting Colors

Hex(D70BDD)

Have a look what the booklet for
Hex(D70BDD) contains.

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Color

Hex(D70BDD)

Conversions

Conversions Part 1

Format	Color
Hex	D70BDD
RGB	215, 11, 221
RGB Percent	84%, 4%, 87%
CMY	0.1569, 0.9569, 0.1333
CMYK	0.03, 0.95, 0.00, 0.13
HSL	298°, 91%, 45%
HSV	298°, 95%, 87%
XYZ	41.1951, 19.9069, 70.0778
YIQ	95.9360, 54.1740, 108.5580

Conversions

Conversions Part 2

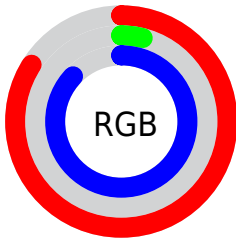
Format	Color
R_{YB}	215, 11, 221
Decimal	14093277
CIE Lab	51.73, 86.44, -55.90
CIE LCh	52, 102.942, 327.111
Yxy	19.9069, 0.3140, 0.1518
Android (android.graphics.Color)	4292283357 (0xFFD70BDD)
YUV	95.9360, 61.6566, 104.4191
Hunter-Lab	44.6171, 86.7297, -61.8917

Details

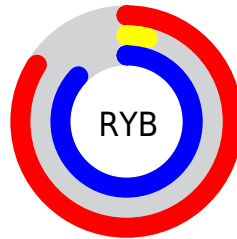
The Hex color **D70BDD** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **11DD0B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF62FF**, and **9B00A5** is the 20% darker color. If you saturate the color by 10%, you get **D700DD**, and if you desaturate by 10%, it is **D821DD**.

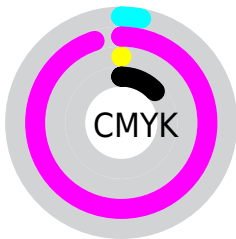
Distribution



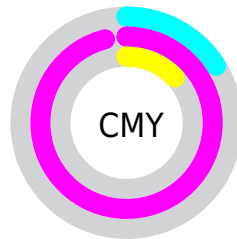
- Red (84%)
- Green (4%)
- Blue (87%)



- Red (84%)
- Yellow (4%)
- Blue (87%)



- Cyan (3%)
- Magenta (95%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (96%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color D70BDD 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 D70BDD by changing the saturation by 10% instead.

 D70BDD

 D70BDD

FFFFFF

 B900C1

 FF62FF

 9B00A5

 FF82FF

 7E008A

 FFA0FF

 610070

 FFBEFF

 450057

 FFDCFF

 26003E

 FFFBFF

 000027

 000110

 000000

 D70BDD

 D70BDD

 D700DD

 D821DD

 D837DD

 D94DDD

 DA63DD

 DA7ADD

 DB90DD

 DBA6DD

 DCBCDD

 DDD2DD

Harmonies

Analogous

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



3768FF



D70BDD



FF0088

Triad

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



D70BDD



9E7600



009DCA

Complementary

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



D70BDD



11DD0B

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.



009C70



D70BDD



438D00

Square

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



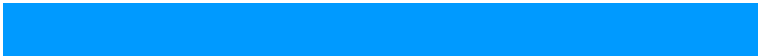
D70BDD



DE4700



009700



009AFF

Rectangle

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



D70BDD



FF004F



009700



009DAD

Sweetspot

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



D70BDD



FDB5FF



0B12DD



7E5380



000000



808080

Same Dimension

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



D70BDD



F800FF



DD0B7B



6D636E



A800AD



2D002E

Inverse Universe

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



DD0B11



FF0007



0BDD6D



6E6363



AD0005



2E0001

Previews

White Background



This preview shows how the Hex color D70BDD looks on a white background.

Color Contrast Check

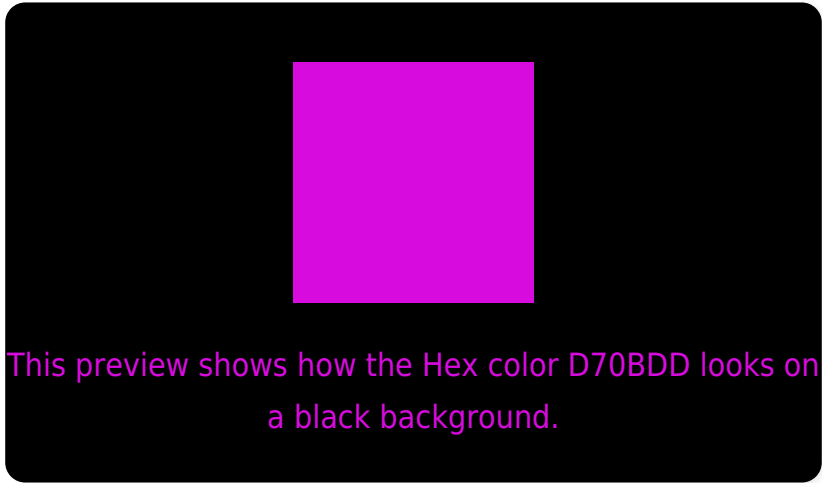
Large Text (above 18pt) WCAG AA ✓ Pass

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

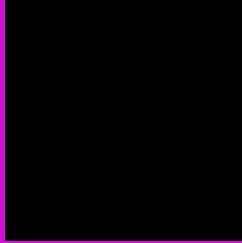
Any Text WCAG AA ✓ Pass

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 D70BDD Background



This preview shows how black text looks on a background with the Hex color D70BDD.

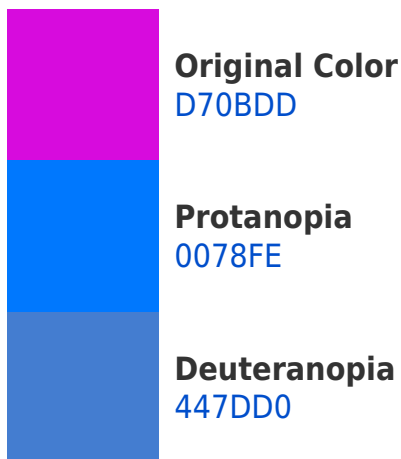


This preview shows how white text looks on a background with the Hex color D70BDD.

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
C9575D

Trichromacy



Original Color
D70BDD



Protanomaly
4E50F2



Deuteranomaly
7954D5



Tritanomaly
CE3B8C

Monochromacy



Original Color
D70BDD



Achromatopsia
606060



Achromatomaly
8B418D

CSS Examples

Text

The CSS property to change the color of the text to Hex D70BDD 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 #D70BDD looks like.

```
.text, #text, p{  
  color:#D70BDD  
}
```

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 #D70BDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D70BDD
}
```

Border

The CSS property to change the border of an element to Hex D70BDD 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
#D70BDD }
```

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

```
.border{ border-color:#D70BDD }
```

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

Here you see how a box with a 4 pixel #D70BDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D70BDD; -webkit-box-shadow:4px 4px  
4px 4px #D70BDD; box-shadow:4px 4px 4px  
4px #D70BDD }
```

Background

The CSS property to change the background color of an element to Hex D70BDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D70BDD }
```

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

```
.background{ background-color:#D70BDD }
```

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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