

Converting Colors

Hex(7A18DB)

Have a look what the booklet for
Hex(7A18DB) contains.

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Color

Hex(7A18DB)

Conversions

Conversions Part 1

Format	Color
Hex	7A18DB
RGB	122, 24, 219
RGB Percent	48%, 9%, 86%
CMY	0.5216, 0.9059, 0.1412
CMYK	0.44, 0.89, 0.00, 0.14
HSL	270°, 80%, 48%
HSV	270°, 89%, 86%
XYZ	21.1389, 9.9053, 67.8156
YIQ	75.5320, -4.1870, 81.4210

Conversions

Conversions Part 2

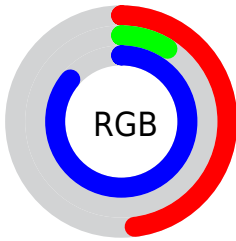
Format	Color
R_{YB}	122, 24, 219
Decimal	8001755
CIE _{Lab}	37.67, 71.59, -78.26
CIE _{LCh}	38, 106.067, 312.451
Yxy	9.9053, 0.2138, 0.1002
Android (android.graphics.Color)	4286191835 (0xFF7A18DB)
YUV	75.5320, 70.7297, 40.7524
Hunter-Lab	31.4727, 64.8135, -105.7238

Details

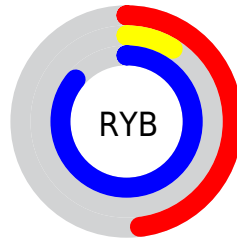
The Hex color **7A18DB** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **79DB18**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **B757FF**, and **3900A2** is the 20% darker color. If you saturate the color by 10%, you get **6F02DB**, and if you desaturate by 10%, it is **852EDB**.

Distribution



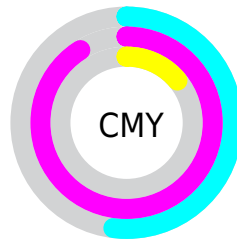
- Red (48%)
- Green (9%)
- Blue (86%)



- Red (48%)
- Yellow (9%)
- Blue (86%)



- Cyan (44%)
- Magenta (89%)
- Yellow (0%)
- Black (14%)



- Cyan (52%)
- Magenta (91%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A18DB 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 7A18DB by changing the saturation by 10% instead.

 7A18DB

 7A18DB

FFFFFF

 5B00BE

 B757FF

 3900A2

 D573FF

 040087

 F48FFF

 00006D

 FFABFF

 000053

 FFC8FF

 00063B

 FFE5FF

 000225

 00010D

 000000

■ 7A18DB

■ 7A18DB

■ 6F02DB

■ 852EDB

■ 6E00DB

■ 9044DB

■ 9B5ADB

■ A670DB

■ B085DB

■ BB9BDB

■ C6B1DB

■ D1C7DB

■ DCDDDB

Harmonies

Analogous

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



005CFF



7A18DB



CF008F

Triad

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



7A18DB



944000



00757C

Complementary

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



7A18DB



79DB18

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.



00731E



7A18DB



4B6100

Square

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



7A18DB



C80000



006E00



0077CE

Rectangle

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



7A18DB



E00056



006E00



00755E

Sweetspot

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



7A18DB



DDBAFF



187ADB



6B5780



000000



808080

Same Dimension

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



7A18DB



8000FF



DB18DB



68636E



5700AD



17002E

Inverse Universe

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



DB1879



FF007F



18DB18



6E6368



AD0056



2E0017

Previews

White Background



This preview shows how the Hex color 7A18DB looks on a white background.

Color Contrast Check

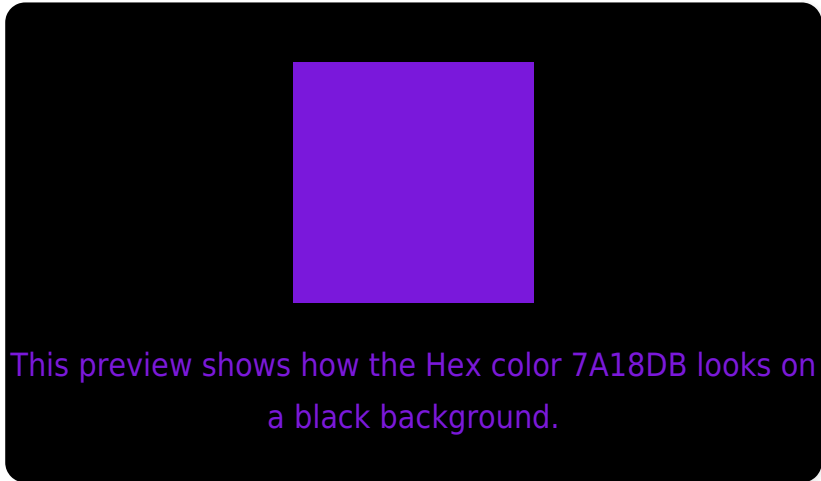
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

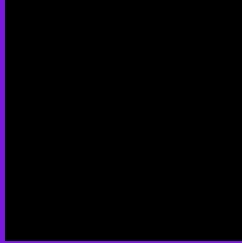
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7A18DB Background



This preview shows how black text looks on a background with the Hex color 7A18DB.

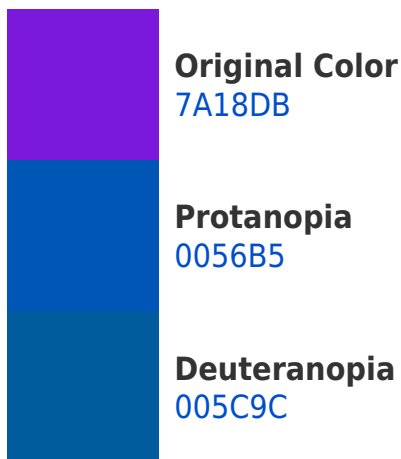


This preview shows how white text looks on a background with the Hex color 7A18DB.

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
5C575E

Trichromacy



Original Color
7A18DB



Protanomaly
2C3FC3



Deuteranomaly
2C43B3



Tritanomaly
67408B

Monochromacy



Original Color
7A18DB



Achromatopsia
4C4C4C



Achromatomaly
5D3980

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A18DB 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 #7A18DB looks like.

```
.text, #text, p{  
    color:#7A18DB  
}
```

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 #7A18DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A18DB
}
```

Border

The CSS property to change the border of an element to Hex 7A18DB 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".

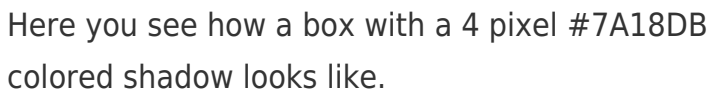
```
.border, #border, table{ border:4px solid
#7A18DB }
```

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

```
.border{ border-color:#7A18DB }
```

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

Here you see how a box with a 4 pixel #7A18DB colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #7A18DB color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A18DB; -webkit-box-shadow:4px 4px  
4px 4px #7A18DB; box-shadow:4px 4px 4px  
4px #7A18DB }
```

Background

The CSS property to change the background color of an element to Hex 7A18DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A18DB }
```

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

```
.background{ background-color:#7A18DB }
```

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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