

Converting Colors

Hex(78A2DB)

Have a look what the booklet for
Hex(78A2DB) contains.

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Color

Hex(78A2DB)

Conversions

Conversions Part 1

Format	Color
Hex	78A2DB
RGB	120, 162, 219
RGB Percent	47%, 64%, 86%
CMY	0.5294, 0.3647, 0.1412
CMYK	0.45, 0.26, 0.00, 0.14
HSL	215°, 58%, 66%
HSV	215°, 45%, 86%
XYZ	33.4522, 34.9482, 72.0004
YIQ	155.9400, -43.3290, 8.8230

Conversions

Conversions Part 2

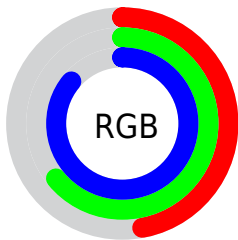
Format	Color
RYB	120, 149, 219
Decimal	7906011
CIELab	65.71, 0.83, -33.37
CIELCh	66, 33.377, 271.423
Yxy	34.9482, 0.2383, 0.2489
Android (android.graphics.Color)	4286096091 (0xFF78A2DB)
YUV	155.9400, 31.0886, -31.5194
Hunter-Lab	59.1170, -2.4479, -30.8292

Details

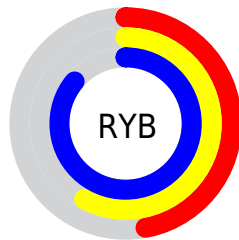
The Hex color **78A2DB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DBB178**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B0D9FF**, and **406FA4** is the 20% darker color. If you saturate the color by 10%, you get **6295DB**, and if you desaturate by 10%, it is **8EAFDB**.

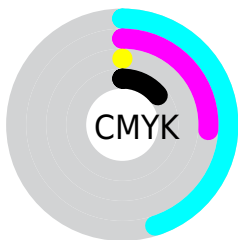
Distribution



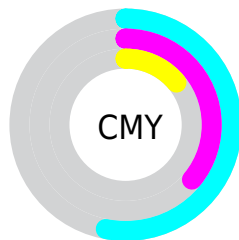
- Red (47%)
- Green (64%)
- Blue (86%)



- Red (47%)
- Yellow (58%)
- Blue (86%)



- Cyan (45%)
- Magenta (26%)
- Yellow (0%)
- Black (14%)



- Cyan (53%)
- Magenta (36%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78A2DB 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 78A2DB by changing the saturation by 10% instead.

 78A2DB

 78A2DB


FFFFFF

 5C88BF

 B0D9FF

 406FA4

 CDF5FF

 215689

 EAFFFF

 003F70

 002A57

 00163F

 000329

 000113

 000000

 78A2DB

 78A2DB

 6295DB

 8EAFDB

 4C89DB

 A4BBDB

 367CDB

 BAC8DB

 2070DB

 D0D4DB

 0B63DB

 E5E1DB

 005DDB

 FBEEDB

 FFFADB

 FFFFDB

Harmonies

Analogous

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



48AAD3



78A2DB



A597D3

Triad

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



78A2DB



D98B82



6FAD82

Complementary

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



78A2DB



DBB178

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.



93A76C



78A2DB



CB946C

Square

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



78A2DB



D8899F



B29E63



4AB0A0

Rectangle

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



78A2DB



BD90C5



B29E63



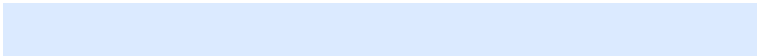
7BAB79

Sweetspot

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



78A2DB



DBEAFF



78DBB0



6A7380



000000



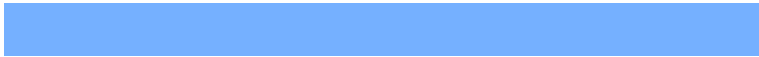
808080

Same Dimension

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



78A2DB



75B0FF



7F78DB



63676E



004AAD



00132E

Inverse Universe

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



DB78A2



FF75B0



D4DB78



6E6367



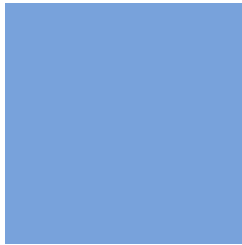
AD004A



2E0013

Previews

White Background



This preview shows how the Hex color 78A2DB looks on a white background.

Color Contrast Check

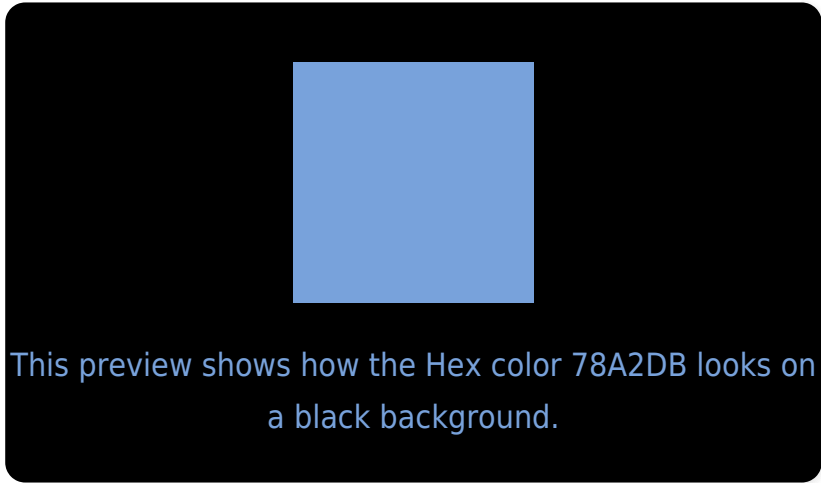
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

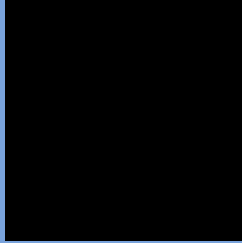
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

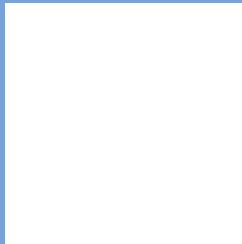
Any Text WCAG AAA ✓ Pass

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

Hex 78A2DB Background



This preview shows how black text looks on a background with the Hex color 78A2DB.

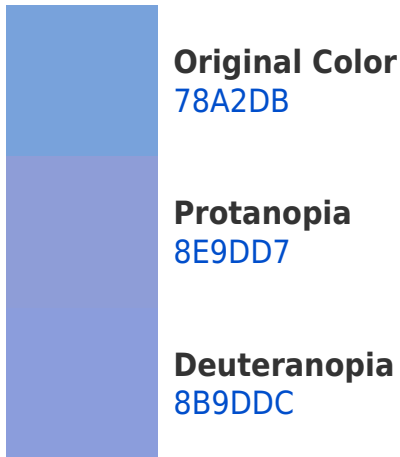


This preview shows how white text looks on a background with the Hex color 78A2DB.

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](#).

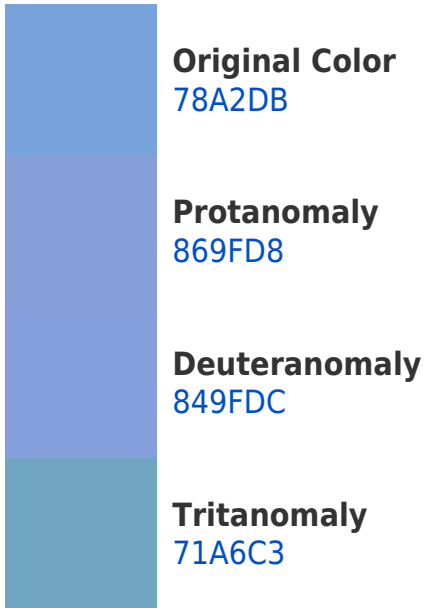
Dichromacy



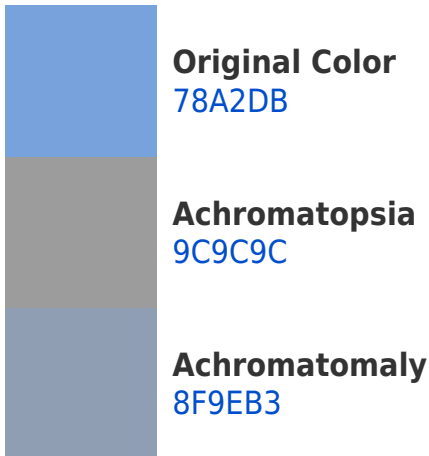


Tritanopia
6DA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78A2DB 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 #78A2DB looks like.

```
.text, #text, p{  
    color:#78A2DB  
}
```

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 #78A2DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A2DB
}
```

Border

The CSS property to change the border of an element to Hex 78A2DB 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
#78A2DB }
```

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

```
.border{ border-color:#78A2DB }
```

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

Here you see how a box with a 4 pixel #78A2DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A2DB; -webkit-box-shadow:4px 4px  
4px 4px #78A2DB; box-shadow:4px 4px 4px  
4px #78A2DB }
```

Background

The CSS property to change the background color of an element to Hex 78A2DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A2DB }
```

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

```
.background{ background-color:#78A2DB }
```

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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