

Converting Colors

Hex(A78DD2)

Have a look what the booklet for
Hex(A78DD2) contains.

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Color

Hex(A78DD2)

Conversions

Conversions Part 1

Format	Color
Hex	A78DD2
RGB	167, 141, 210
RGB Percent	65%, 55%, 82%
CMY	0.3451, 0.4471, 0.1765
CMYK	0.20, 0.33, 0.00, 0.18
HSL	263°, 43%, 69%
HSV	263°, 33%, 82%
XYZ	37.0941, 31.9184, 65.1786
YIQ	156.6400, -6.6530, 26.9710

Conversions

Conversions Part 2

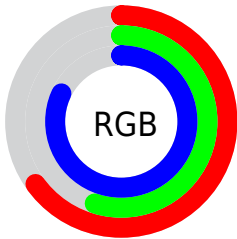
Format	Color
RYB	167, 141, 210
Decimal	10980818
CIELab	63.28, 23.69, -31.87
CIElCh	63, 39.713, 306.618
Yxy	31.9184, 0.2764, 0.2379
Android (android.graphics.Color)	4289170898 (0xFFA78DD2)
YUV	156.6400, 26.3065, 9.0857
Hunter-Lab	56.4964, 18.3300, -28.8541

Details

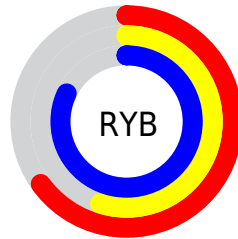
The Hex color **A78DD2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B8D28D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **DFC3FF**, and **725B9B** is the 20% darker color. If you saturate the color by 10%, you get **9A78D2**, and if you desaturate by 10%, it is **B4A2D2**.

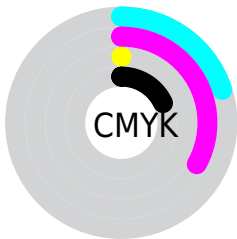
Distribution



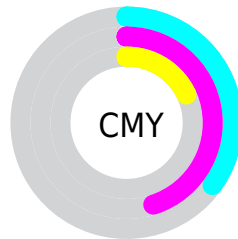
- Red (65%)
- Green (55%)
- Blue (82%)



- Red (65%)
- Yellow (55%)
- Blue (82%)



- Cyan (20%)
- Magenta (33%)
- Yellow (0%)
- Black (18%)



- Cyan (35%)
- Magenta (45%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color A78DD2 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 A78DD2 by changing the saturation by 10% instead.

 A78DD2

 A78DD2

FFFFFF

 8C73B6

 DFC3FF

 725B9B

 FCDFFF

 584381


 FFFBFF

 3F2C68

 27174F

 110038

 000222

 000007

 000000

 A78DD2

 A78DD2

 9A78D2

 B4A2D2

 8D63D2

 C1B7D2

 804ED2

 CECCD2

 7339D2

 DBE1D2

 6624D2

 E8F6D2

 580FD2

 F6FFD2

 4F00D2

 FFFFD2

Harmonies

Analogous

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



709ADF



A78DD2



CC81B6

Triad

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



A78DD2



C68D59



00ACA0

Complementary

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



A78DD2



B8D28D

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.



55A97C



A78DD2



A89A52

Square

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



A78DD2



D98271



82A35F



00AAC2

Rectangle

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



A78DD2



D97D9F



82A35F



2BAB94

Sweetspot

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



A78DD2



EFE6FF



8DB9D2



767080



000000



808080

Same Dimension

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



A78DD2



C19CFF



C98DD2



625E69



3F00A8



0F0029

Inverse Universe

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



D28DB8



FF9CDA



96D28D



695E65



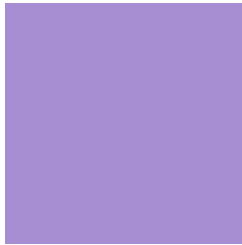
A80069



290019

Previews

White Background



This preview shows how the Hex color A78DD2 looks on a white background.

Color Contrast Check

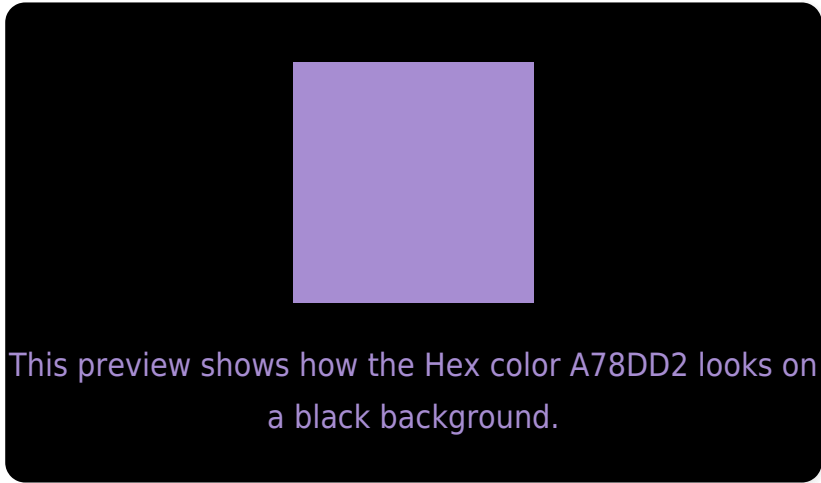
Large Text (above 18pt) WCAG AA × Fail

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 A78DD2 Background



This preview shows how black text looks on a background with the Hex color A78DD2.

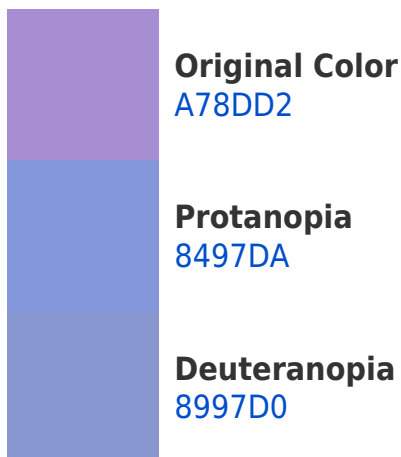


This preview shows how white text looks on a background with the Hex color A78DD2.

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](#).

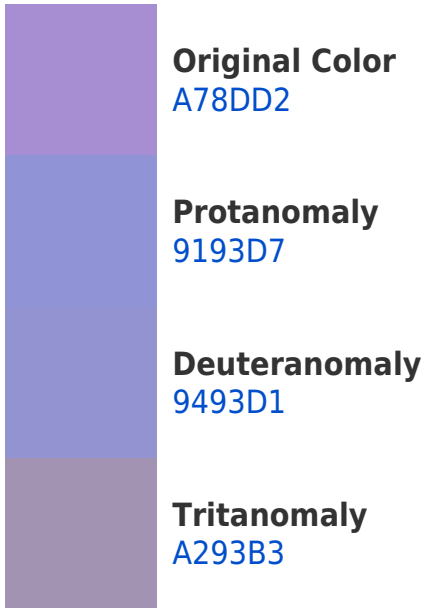
Dichromacy



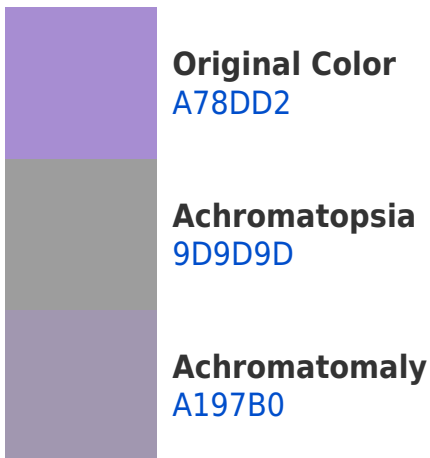


Tritanopia
9F96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A78DD2 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 #A78DD2 looks like.

```
.text, #text, p{  
    color:#A78DD2  
}
```

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 #A78DD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A78DD2  
}
```

Border

The CSS property to change the border of an element to Hex A78DD2 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  
#A78DD2 }
```

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

```
.border{ border-color:#A78DD2 }
```

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

Here you see how a box with a 4 pixel #A78DD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A78DD2; -webkit-box-shadow:4px 4px  
4px 4px #A78DD2; box-shadow:4px 4px 4px  
4px #A78DD2 }
```

Background

The CSS property to change the background color of an element to Hex A78DD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A78DD2 }
```

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

```
.background{ background-color:#A78DD2 }
```

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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