

Converting Colors

Hex(A780DA)

Have a look what the booklet for
Hex(A780DA) contains.

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Color

Hex(A780DA)

Conversions

Conversions Part 1

Format	Color
Hex	A780DA
RGB	167, 128, 218
RGB Percent	65%, 50%, 85%
CMY	0.3451, 0.4980, 0.1451
CMYK	0.23, 0.41, 0.00, 0.15
HSL	266°, 55%, 68%
HSV	266°, 41%, 85%
XYZ	36.3104, 28.7158, 69.9586
YIQ	149.9210, -5.6460, 36.2580

Conversions

Conversions Part 2

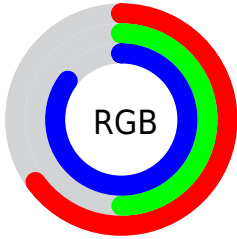
Format	Color
RYB	167, 128, 218
Decimal	10977498
CIELab	60.53, 32.93, -40.63
CIELCh	61, 52.300, 309.023
Yxy	28.7158, 0.2690, 0.2127
Android (android.graphics.Color)	4289167578 (0xFFA780DA)
YUV	149.9210, 33.5629, 14.9783
Hunter-Lab	53.5871, 27.1734, -39.8928

Details

The Hex color **A780DA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B3DA80**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **E0B5FF**, and **714EA3** is the 20% darker color. If you saturate the color by 10%, you get **9B6ADA**, and if you desaturate by 10%, it is **B396DA**.

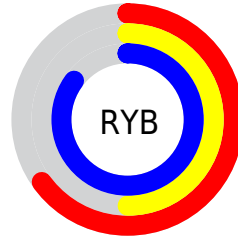
Distribution



Red (65%)

Green (50%)

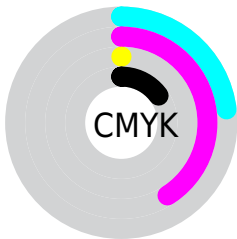
Blue (85%)



Red (65%)

Yellow (50%)

Blue (85%)

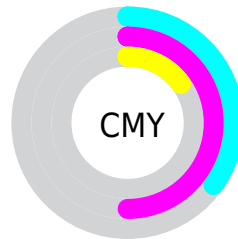


Cyan (23%)

Magenta (41%)

Yellow (0%)

Black (15%)



Cyan (35%)

Magenta (50%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color A780DA 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 A780DA by changing the saturation by 10% instead.

 A780DA

 A780DA

FFFFFF

 8C67BE

 E0B5FF

 714EA3

 FDD1FF

 573688

 FFEEFF

 3D1F6E

 230855

 0E003E

 000327

 000110

 000000

 A780DA

 A780DA

 9B6ADA

 B396DA

 8E54DA

 C0ACDA

 823FDA

 CCC1DA

 7629DA

 D8D7DA

 6913DA

 E5EDDA

 5E00DA

 F1FFDA

 FDFFDA

 FFFFDA

Harmonies

Analogous

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



5592ED



A780DA



D56FB4

Triad

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



A780DA



C6843A



00A99F

Complementary

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



A780DA



B3DA80

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.



14A66F



A780DA



9E9430

Square

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



A780DA



E0725A



6DA046



00A7CB

Rectangle

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



A780DA



E46995



6DA046



00A88F

Sweetspot

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



A780DA



EEE0FF



80B3DA



756E80



000000



808080

Same Dimension

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



A780DA



B780FF



D480DA



67636E



4B00AD



14002E

Inverse Universe

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



DA80B3



FF80C8



86DA80



6E6369



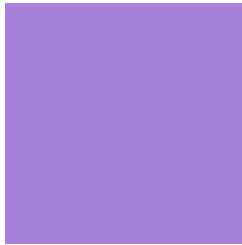
AD0062



2E001A

Previews

White Background



This preview shows how the Hex color A780DA looks on a white background.

Color Contrast Check

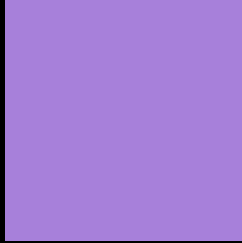
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color A780DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

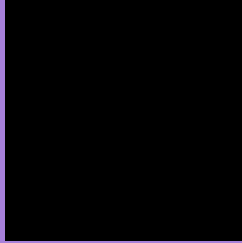
Any Text WCAG AA ✓ Pass

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 A780DA Background



This preview shows how black text looks on a background with the Hex color A780DA.

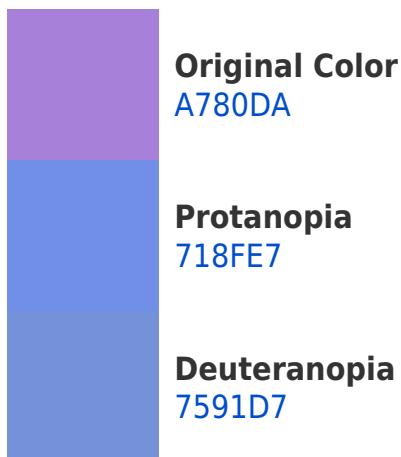


This preview shows how white text looks on a background with the Hex color A780DA.

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](#).

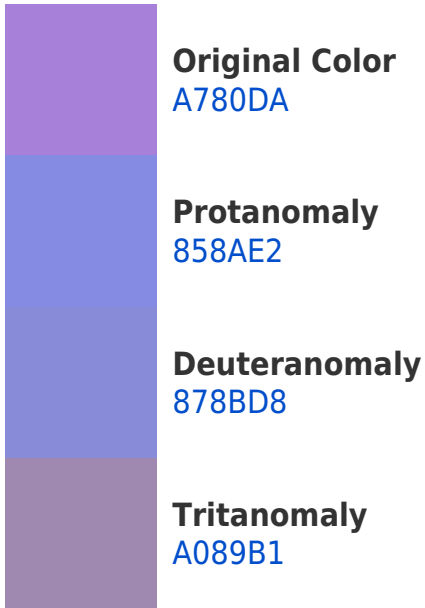
Dichromacy



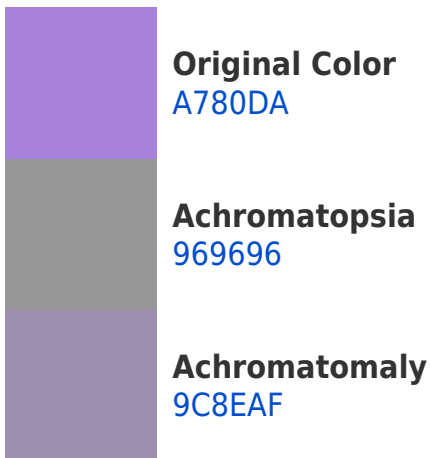


Tritanopia
9C8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A780DA 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 #A780DA looks like.

```
.text, #text, p{  
    color:#A780DA  
}
```

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 #A780DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A780DA
}
```

Border

The CSS property to change the border of an element to Hex A780DA 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
#A780DA }
```

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

```
.border{ border-color:#A780DA }
```

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

Here you see how a box with a 4 pixel #A780DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A780DA; -webkit-box-shadow:4px 4px  
4px 4px #A780DA; box-shadow:4px 4px 4px  
4px #A780DA }
```

Background

The CSS property to change the background color of an element to Hex A780DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A780DA }
```

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

```
.background{ background-color:#A780DA }
```

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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