

Converting Colors

Hex(9877DA)

Have a look what the booklet for
Hex(9877DA) contains.

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Color

Hex(9877DA)

Conversions

Conversions Part 1

Format	Color
Hex	9877DA
RGB	152, 119, 218
RGB Percent	60%, 47%, 85%
CMY	0.4039, 0.5333, 0.1451
CMYK	0.30, 0.45, 0.00, 0.15
HSL	260°, 57%, 66%
HSV	260°, 45%, 85%
XYZ	32.2006, 24.9310, 69.4447
YIQ	140.1530, -12.1110, 37.7850

Conversions

Conversions Part 2

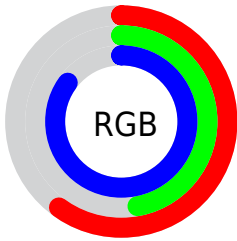
Format	Color
R_{YB}	152, 119, 218
Decimal	9992154
CIE _{Lab}	57.01, 33.87, -46.28
CIE _{LCh}	57, 57.350, 306.199
Yxy	24.9310, 0.2544, 0.1970
Android (android.graphics.Color)	4288182234 (0xFF9877DA)
YUV	140.1530, 38.3786, 10.3898
Hunter-Lab	49.9310, 27.7359, -47.5097

Details

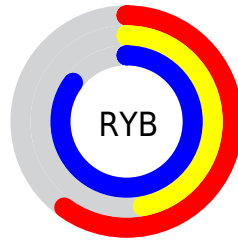
The Hex color **9877DA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B9DA77**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **D0ACFF**, and **6246A2** is the 20% darker color. If you saturate the color by 10%, you get **8961DA**, and if you desaturate by 10%, it is **A78DDA**.

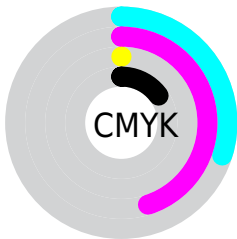
Distribution



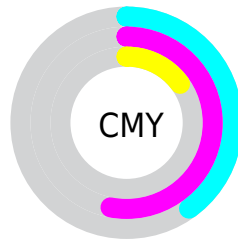
- Red (60%)
- Green (47%)
- Blue (85%)



- Red (60%)
- Yellow (47%)
- Blue (85%)



- Cyan (30%)
- Magenta (45%)
- Yellow (0%)
- Black (15%)



- Cyan (40%)
- Magenta (53%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9877DA 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 9877DA by changing the saturation by 10% instead.

 9877DA

 9877DA

FFFFFF

 7D5EBE

 D0ACFF

 6246A2

 EEC7FF

 472E88


 FFE3FF

 2C186E

 0A0355

 00003D

 000326

 00010F

 000000

 9877DA

 9877DA

 8961DA

 A78DDA

 7B4BDA

 B5A3DA

 6C36DA

 C4B8DA

 5E20DA

 D2CEDA

 4F0ADA

 E1E4DA

 4900DA

 EFFADA

 FEFFDA

 FFFFDA

Harmonies

Analogous

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



228BED



9877DA



CD62B2

Triad

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



9877DA



C27729



00A192

Complementary

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



9877DA



B9DA77

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.



009E5E



9877DA



998A17

Square

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



9877DA



DD6350



649731



009FC3

Rectangle

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



9877DA



DF5991



649731



00A081

Sweetspot

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



9877DA



E7DBFF



77B9DA



716A80



000000



808080

Same Dimension

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



9877DA



A375FF



CA77DA



66636E



3A00AD



0F002E

Inverse Universe

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



DA77B9



FF75D1



88DA77



6E636A



AD0074



2E001F

Previews

White Background



This preview shows how the Hex color 9877DA 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 9877DA Background



This preview shows how black text looks on a background with the Hex color 9877DA.

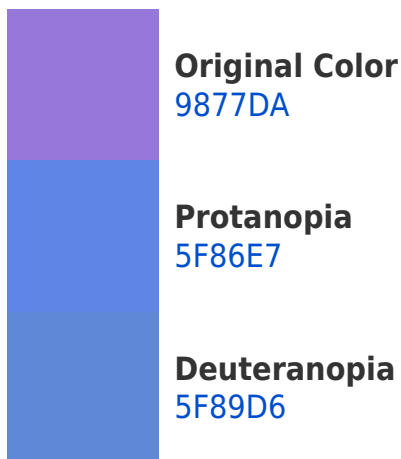


This preview shows how white text looks on a background with the Hex color 9877DA.

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](#).

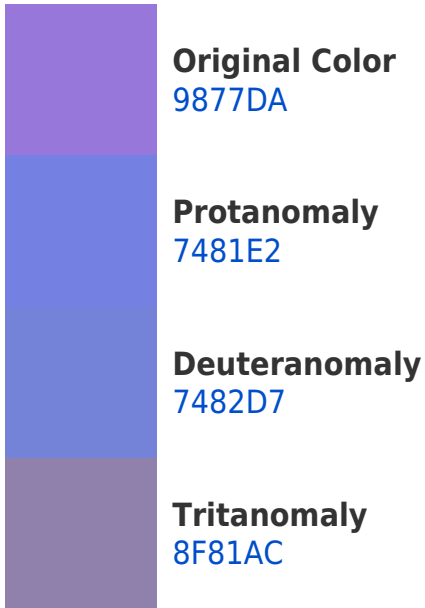
Dichromacy



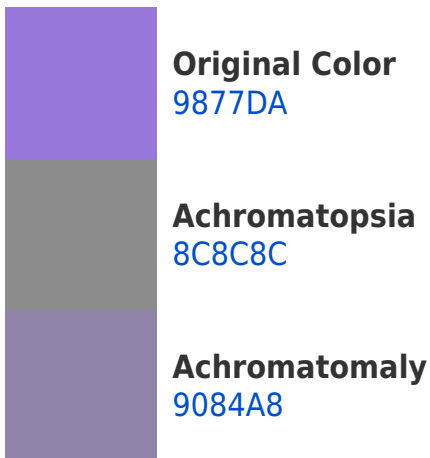


Tritanopia
8A8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9877DA 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 #9877DA looks like.

```
.text, #text, p{  
    color:#9877DA  
}
```

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 #9877DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9877DA
}
```

Border

The CSS property to change the border of an element to Hex 9877DA is called "border". The border property can be set on classes, ids or directly on the HTML element.

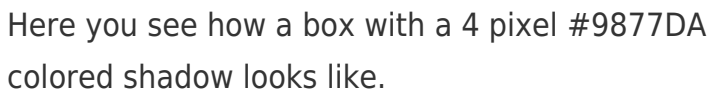
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9877DA }
```

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

```
.border{ border-color:#9877DA }
```

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



Here you see how a box with a 4 pixel #9877DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9877DA; -webkit-box-shadow:4px 4px  
4px 4px #9877DA; box-shadow:4px 4px 4px  
4px #9877DA }
```

Background

The CSS property to change the background color of an element to Hex 9877DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9877DA }
```

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

```
.background{ background-color:#9877DA }
```

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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