

# Converting Colors

Hex(A7A2C8)

Have a look what the booklet for  
Hex(A7A2C8) contains.

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# Color

**Hex(A7A2C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7A2C8
RGB	167, 162, 200
RGB Percent	65%, 64%, 78%
CMY	0.3451, 0.3647, 0.2157
CMYK	0.16, 0.19, 0.00, 0.22
HSL	248°, 26%, 71%
HSV	248°, 19%, 78%
XYZ	39.2820, 38.2263, 59.9516
YIQ	167.8270, -9.2180, 12.8780

# Conversions

## Conversions Part 2

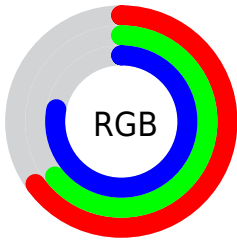
Format	Color
<a href="#">RYB</a>	<a href="#">167, 162, 200</a>
Decimal	<a href="#">10986184</a>
CIELab	<a href="#">68.19, 9.56, -18.77</a>
CIELCh	<a href="#">68, 21.070, 296.994</a>
Yxy	<a href="#">38.2263, 0.2858, 0.2781</a>
Android (android.graphics.Color)	<a href="#">4289176264</a> ( <a href="#">0xFFA7A2C8</a> )
YUV	<a href="#">167.8270, 15.8613, -0.7253</a>
Hunter-Lab	<a href="#">61.8274, 5.2119, -14.2120</a>

# Details

The Hex color **A7A2C8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C3C8A2**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **DED9FF**, and **736E92** is the 20% darker color. If you saturate the color by 10%, you get **968EC8**, and if you desaturate by 10%, it is **B8B6C8**.

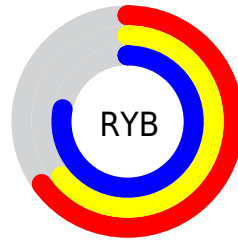
# Distribution



Red (65%)

Green (64%)

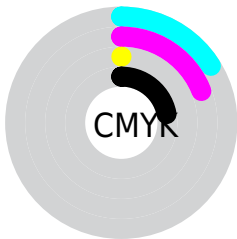
Blue (78%)



Red (65%)

Yellow (64%)

Blue (78%)

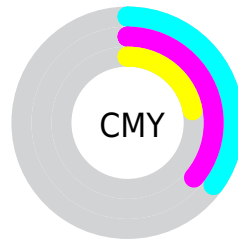


Cyan (16%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (35%)

Magenta (36%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7A2C8 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 A7A2C8 by changing the saturation by 10% instead.



 A7A2C8

 A7A2C8

FFFFFF

 8C88AD

 DED9FF

 736E92

 FBF5FF

 5A5678

 423F5F

 2B2948

 151531

 00001C

 000000

 A7A2C8

 A7A2C8

968EC8

B8B6C8

847AC8

CACAC8

7366C8

DBDEC8

6252C8

ECF2C8

503EC8

FEFFC8

3F2AC8

FFFFC8

2D16C8

1C02C8

1A00C8

# Harmonies

## Analogous

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



8DA8CC



A7A2C8



BD9CBB

# Triad

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



A7A2C8



C69E87



7AB1A4

# Complementary

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



A7A2C8



C3C8A2

# 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.



8CAF91



A7A2C8



B7A480

# Square

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



A7A2C8



CD9A96



A2AA84



71B1B7

# Rectangle

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



A7A2C8



C79AAF



A2AA84



7FB19D



# Sweetspot

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



A7A2C8



F2F0FF



A2C4C8



787780



000000



808080



# Same Dimension

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



A7A2C8



CCC4FF



B9A2C8



5B5A63



1500A3



050024



# Inverse Universe

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



C8A2C3



FFC4F7



B1C8A2



635A62



A3008E

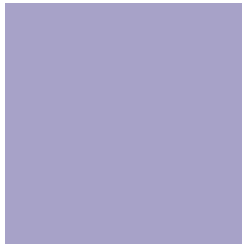


24001F



# Previews

## White Background



This preview shows how the Hex color A7A2C8 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



This preview shows how the Hex color A7A2C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

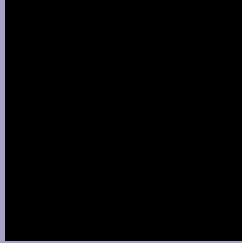
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7A2C8 Background



This preview shows how black text looks on a background with the Hex color A7A2C8.



This preview shows how white text looks on a background with the Hex color A7A2C8.

# 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



**Original Color**  
A7A2C8

**Protanopia**  
9EA5CA

**Deuteranopia**  
A6A2C8



**Tritanopia**  
A3A6B3

# Trichromacy



**Original Color**  
A7A2C8

**Protanomaly**  
A1A4C9

**Deuteranomaly**  
A6A2C8

**Tritanomaly**  
A4A5BB

# Monochromacy



**Original Color**  
A7A2C8

**Achromatopsia**  
A8A8A8

**Achromatomaly**  
A8A6B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7A2C8 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 #A7A2C8 looks like.

```
.text, #text, p{  
    color:#A7A2C8  
}
```

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 #A7A2C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7A2C8  
}
```

## Border

The CSS property to change the border of an element to Hex A7A2C8 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  
#A7A2C8 }
```

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

```
.border{ border-color:#A7A2C8 }
```

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

Here you see how a box with a 4 pixel #A7A2C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7A2C8; -webkit-box-shadow:4px 4px  
4px 4px #A7A2C8; box-shadow:4px 4px 4px  
4px #A7A2C8 }
```

# Background

The CSS property to change the background color of an element to Hex A7A2C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7A2C8 }
```

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

```
.background{ background-color:#A7A2C8 }
```

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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