

Converting Colors

Hex(A8A7C4)

Have a look what the booklet for
Hex(A8A7C4) contains.

Hex(A8A7C4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A8A7C4)

Conversions

Conversions Part 1

Format	Color
Hex	A8A7C4
RGB	168, 167, 196
RGB Percent	66%, 65%, 77%
CMY	0.3412, 0.3451, 0.2314
CMYK	0.14, 0.15, 0.00, 0.23
HSL	242°, 20%, 71%
HSV	242°, 15%, 77%
XYZ	39.9310, 39.9478, 57.8307
YIQ	170.6050, -8.7130, 9.2310

Conversions

Conversions Part 2

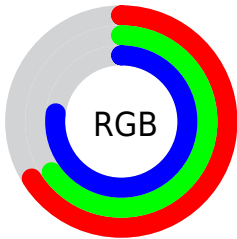
Format	Color
R_{YB}	168, 167, 196
Decimal	11052996
CIE _{Lab}	69.43, 6.24, -14.67
CIE _{LCh}	69, 15.941, 293.028
Yxy	39.9478, 0.2900, 0.2901
Android (android.graphics.Color)	4289243076 (0xFFA8A7C4)
YUV	170.6050, 12.5197, -2.2846
Hunter-Lab	63.2043, 2.1647, -10.0062

Details

The Hex color **A8A7C4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C3C4A7**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **DFDEFD**, and **74738E** is the 20% darker color. If you saturate the color by 10%, you get **9593C4**, and if you desaturate by 10%, it is **BBBBC4**.

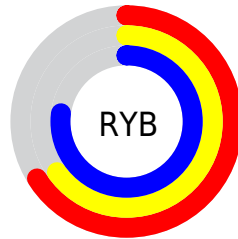
Distribution



Red (66%)

Green (65%)

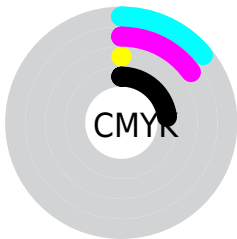
Blue (77%)



Red (66%)

Yellow (65%)

Blue (77%)

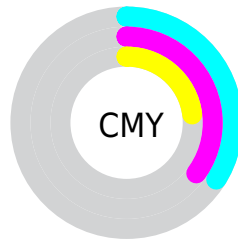


Cyan (14%)

Magenta (15%)

Yellow (0%)

Black (23%)



Cyan (34%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8A7C4 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 A8A7C4 by changing the saturation by 10% instead.

 A8A7C4

 A8A7C4

FFFFFF

 8D8DA9

 DFDEFD

 74738E

 FCFBFF

 5B5B75

 43435C

 2C2D44

 17192E

 00001A

 000000

 A8A7C4

 A8A7C4

9593C4

BBBBC4

8280C4

CECEC4

6F6CC4

E1E2C4

5C59C4

F4F5C4

4945C4

FFFFC4

3631C4

241EC4

110AC4

0700C4

Harmonies

Analogous

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



95ACC6



A8A7C4



B9A2BB

Triad

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



A8A7C4



C4A393



8AB2A6

Complementary

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



A8A7C4



C3C4A7

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.



98B098



A8A7C4



B8A78D

Square

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



A8A7C4



C8A09F



A9AC8F



84B2B4

Rectangle

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



A8A7C4



C2A0B2



A9AC8F



8FB1A1

Sweetspot

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



A8A7C4



F5F5FF



A7C3C4



797980



000000



808080

Same Dimension

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



A8A7C4



D3D1FF



B6A7C4



585761



0600A1



010021

Inverse Universe

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



C4A7C3



FFD1FD



B5C4A7



615761



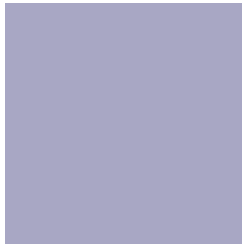
A1009B



210020

Previews

White Background



This preview shows how the Hex color A8A7C4 looks on a white background.

Color Contrast Check

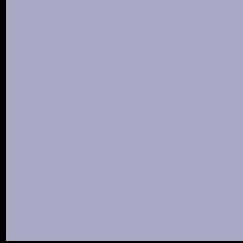
Large Text (above 18pt) WCAG AA × Fail

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 A8A7C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

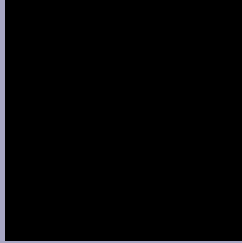
Any Text WCAG AA ✓ Pass

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 A8A7C4 Background



This preview shows how black text looks on a background with the Hex color A8A7C4.



This preview shows how white text looks on a background with the Hex color A8A7C4.

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
A8A7C4

Protanopia
A4A8C5

Deuteranopia
ADA5C4



Tritanopia
A6A9B7

Trichromacy



Original Color

A8A7C4

Protanomaly

A5A8C5

Deuteranomaly

ABA6C4

Tritanomaly

A7A8BC

Monochromacy



Original Color

A8A7C4

Achromatopsia

ABABAB

Achromatomaly

AAAAB4

CSS Examples

Text

The CSS property to change the color of the text to Hex A8A7C4 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 #A8A7C4 looks like.

```
.text, #text, p{  
    color:#A8A7C4  
}
```

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 #A8A7C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8A7C4  
}
```

Border

The CSS property to change the border of an element to Hex A8A7C4 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  
#A8A7C4 }
```

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

```
.border{ border-color:#A8A7C4 }
```

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

Here you see how a box with a 4 pixel #A8A7C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8A7C4; -webkit-box-shadow:4px 4px  
4px 4px #A8A7C4; box-shadow:4px 4px 4px  
4px #A8A7C4 }
```

Background

The CSS property to change the background color of an element to Hex A8A7C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8A7C4 }
```

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

```
.background{ background-color:#A8A7C4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor