

Converting Colors

Hex(AA75A8)

Have a look what the booklet for
Hex(AA75A8) contains.

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Color

Hex(AA75A8)

Conversions

Conversions Part 1

Format	Color
Hex	AA75A8
RGB	170, 117, 168
RGB Percent	67%, 46%, 66%
CMY	0.3333, 0.5412, 0.3412
CMYK	0.00, 0.31, 0.01, 0.33
HSL	302°, 24%, 56%
HSV	302°, 31%, 67%
XYZ	30.0067, 24.0958, 40.1152
YIQ	138.6610, 15.2170, 27.0970

Conversions

Conversions Part 2

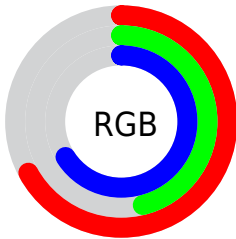
Format	Color
RYB	170, 117, 168
Decimal	11171240
CIELab	56.18, 29.32, -18.92
CIELCh	56, 34.898, 327.164
Yxy	24.0958, 0.3185, 0.2557
Android (android.graphics.Color)	4289361320 (0xFFAA75A8)
YUV	138.6610, 14.4641, 27.4843
Hunter-Lab	49.0875, 23.2125, -14.0917

Details

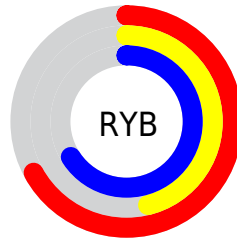
The Hex color **AA75A8** is a light color, and the websafe version is hex **996699**. A complement of this color would be **75AA77**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **E2AADF**, and **754474** is the 20% darker color. If you saturate the color by 10%, you get **AA64A7**, and if you desaturate by 10%, it is **AA86A9**.

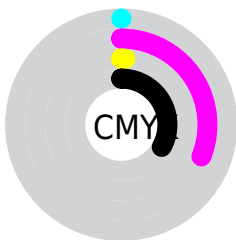
Distribution



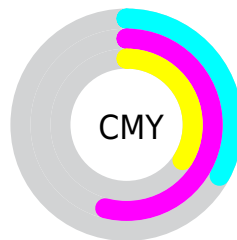
- Red (67%)
- Green (46%)
- Blue (66%)



- Red (67%)
- Yellow (46%)
- Blue (66%)



- Cyan (0%)
- Magenta (31%)
- Yellow (1%)
- Black (33%)



- Cyan (33%)
- Magenta (54%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA75A8 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 AA75A8 by changing the saturation by 10% instead.

■ AA75A8

■ AA75A8

FFFFFF

■ 8F5C8D

■ E2AADF

■ 754474

■ FFC5FC

■ 5B2C5B

■ FFE2FF

■ 431543

FFFEFF

■ 2C002D

■ 120018

■ 000000

■ AA75A8

■ AA75A8

■ AA64A7

■ AA86A9

■ AA53A7

■ AA97A9

■ AA42A6

■ AAA8AA

■ AA31A5

■ AAB9AB

■ AA20A5

■ AACAA8

■ AA0FA4

■ AADBAC

■ AA00A4

■ AAECAC

■ AAFDAD

■ AAFFAE

Harmonies

Analogous

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



8680BD



AA75A8



BE6F8B

Triad

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



AA75A8



9D8449



0096A1

Complementary

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



AA75A8



75AA77

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.



2B9683



AA75A8



7E8D4F

Square

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



AA75A8



B47955



5A9365



0092B9

Rectangle

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



AA75A8



C16F76



5A9365



009798

Sweetspot

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



AA75A8



DECADD



7775AA



706470



F0F0F0



707070

Same Dimension

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



AA75A8



DE8CDB



AA758E



544C54



94008E



140014

Inverse Universe

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



AA75A8



DE8CDB



75AA91



544C54



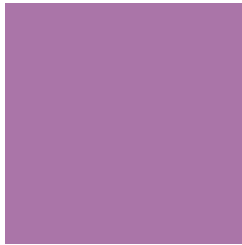
94008E



140014

Previews

White Background



This preview shows how the Hex color AA75A8 looks on a white background.

Color Contrast Check

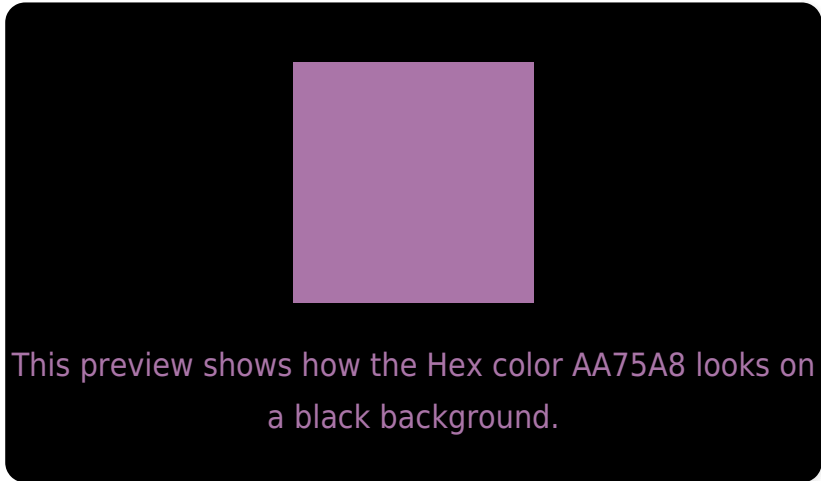
Large Text (above 18pt) WCAG AA ✓ Pass

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

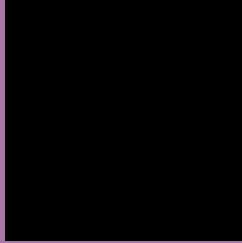
Any Text WCAG AA ✓ Pass

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 AA75A8 Background



This preview shows how black text looks on a background with the Hex color AA75A8.

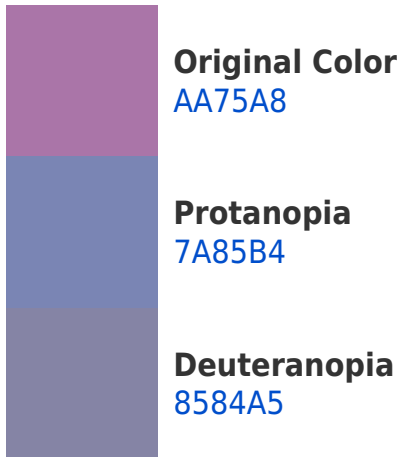



This preview shows how white text looks on a background with the Hex color AA75A8.

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
A57C85

Trichromacy



Original Color
AA75A8

Protanomaly
8B7FB0

Deuteranomaly
927FA6

Tritanomaly
A77992

Monochromacy



Original Color
AA75A8

Achromatopsia
8B8B8B

Achromatomaly
968396

CSS Examples

Text

The CSS property to change the color of the text to Hex AA75A8 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 #AA75A8 looks like.

```
.text, #text, p{  
    color:#AA75A8  
}
```

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 #AA75A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA75A8
}
```

Border

The CSS property to change the border of an element to Hex AA75A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

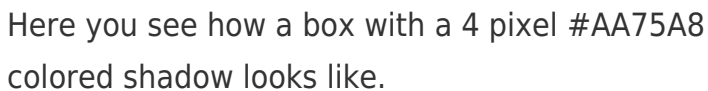
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA75A8 }
```

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

```
.border{ border-color:#AA75A8 }
```

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



Here you see how a box with a 4 pixel #AA75A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA75A8; -webkit-box-shadow:4px 4px  
4px 4px #AA75A8; box-shadow:4px 4px 4px  
4px #AA75A8 }
```

Background

The CSS property to change the background color of an element to Hex AA75A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA75A8 }
```

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

```
.background{ background-color:#AA75A8 }
```

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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