

# Converting Colors

Hex(AA84A8)

Have a look what the booklet for  
Hex(AA84A8) contains.

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# Color

**Hex(AA84A8)**

# Conversions

Conversions Part 1	
Format	Color
Hex	AA84A8
RGB	170, 132, 168
RGB Percent	67%, 52%, 66%
CMY	0.3333, 0.4824, 0.3412
CMYK	0.00, 0.22, 0.01, 0.33
HSL	303°, 18%, 59%
HSV	303°, 22%, 67%
XYZ	31.8967, 27.8757, 40.7452
YIQ	147.4660, 11.0920, 19.2520

# Conversions

## Conversions Part 2

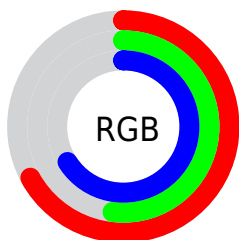
Format	Color
<a href="#">RYB</a>	<a href="#">170, 132, 168</a>
Decimal	<a href="#">11175080</a>
CIELab	<a href="#">59.78, 20.84, -13.47</a>
CIELCh	<a href="#">60, 24.816, 327.112</a>
Yxy	<a href="#">27.8757, 0.3173, 0.2773</a>
Android (android.graphics.Color)	<a href="#">4289365160</a> (0xFFAA84A8)
YUV	<a href="#">147.4660, 10.1233, 19.7623</a>
Hunter-Lab	<a href="#">52.7975, 15.4422, -8.7974</a>

# Details

The Hex color **AA84A8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **84AA86**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **E2B9DF**, and **755274** is the 20% darker color. If you saturate the color by 10%, you get **AA73A7**, and if you desaturate by 10%, it is **AA95A9**.

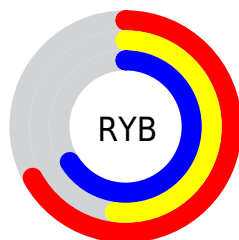
# Distribution



Red (67%)

Green (52%)

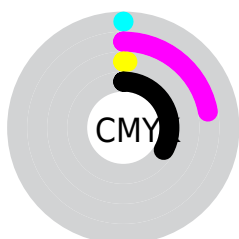
Blue (66%)



Red (67%)

Yellow (52%)

Blue (66%)

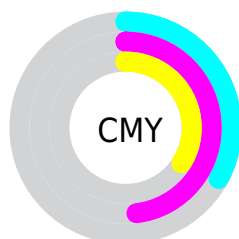


Cyan (0%)

Magenta (22%)

Yellow (1%)

Black (33%)



Cyan (33%)

Magenta (48%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA84A8 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 AA84A8 by changing the saturation by 10% instead.



 AA84A8

 AA84A8

FFFFFF

 8F6B8E

 E2B9DF

 755274

 FED5FC

 5C3B5B

 FFF2FF

 442444

 2D0F2D

 1B0019

 000000

 AA84A8

 AA84A8

 AA73A7

 AA95A9

 AA62A6

 AAA6AA

 AA51A5

 AAB7AB

 AA40A4

 AAC8AC

 AA2FA4

 AAD9AC

 AA1EA3

 AAEAAD

 AA0DA2

 AAFBAE

 AA00A1

 AAFFAF

 AAFFB0

# Harmonies

## Analogous

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



908BB7



AA84A8



B98093

# Triad

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



AA84A8



A28E64



4D9CA3

# Complementary

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



AA84A8



84AA86

# 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.



5A9C8D



AA84A8



8B9569

# Square

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



AA84A8



B3876C



729A78



5699B4

# Rectangle

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



AA84A8



BC8084



729A78



4F9C9C



# Sweetspot

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



AA84A8



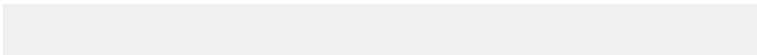
DECEDD



8684AA



706770



F0F0F0



707070



# Same Dimension

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



AA84A8



DEA2DB



AA8495



544C54



94008C



140013



# Inverse Universe

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



AA84A8



DEA2DB



84AA99



544C54



94008C

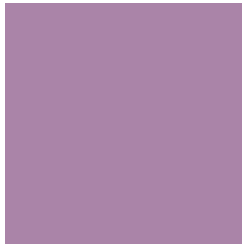


140013



# Previews

## White Background



This preview shows how the Hex color AA84A8 looks on a white background.

## Color Contrast Check

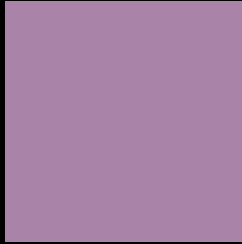
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA84A8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

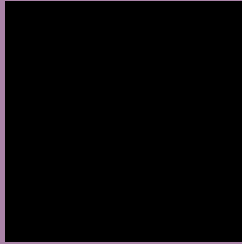
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA84A8 Background



This preview shows how black text looks on a background with the Hex color AA84A8.



This preview shows how white text looks on a background with the Hex color AA84A8.

# 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**

AA84A8

**Protanopia**

898FAF

**Deuteranopia**





948DA6






# Tritanopia

## A78892

# Trichromacy

	<b>Original Color</b> AA84A8
	<b>Protanomaly</b> 958BAC
	<b>Deuteranomaly</b> 9C8AA7
	<b>Tritanomaly</b> A8879A

# Monochromacy

	<b>Original Color</b> AA84A8
	<b>Achromatopsia</b> 939393
	<b>Achromatomaly</b> 9B8E9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA84A8 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 #AA84A8 looks like.

```
.text, #text, p{  
    color:#AA84A8  
}
```

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 #AA84A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA84A8
}
```

## Border

The CSS property to change the border of an element to Hex AA84A8 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
#AA84A8 }
```

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

```
.border{ border-color:#AA84A8 }
```

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

Here you see how a box with a 4 pixel #AA84A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA84A8; -webkit-box-shadow:4px 4px  
4px 4px #AA84A8; box-shadow:4px 4px 4px  
4px #AA84A8 }
```

# Background

The CSS property to change the background color of an element to Hex AA84A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA84A8 }
```

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

```
.background{ background-color:#AA84A8 }
```

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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