

# Converting Colors

Hex(AA68C8)

Have a look what the booklet for  
Hex(AA68C8) contains.

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# Color

**Hex(AA68C8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA68C8
RGB	170, 104, 200
RGB Percent	67%, 41%, 78%
CMY	0.3333, 0.5922, 0.2157
CMYK	0.15, 0.48, 0.00, 0.22
HSL	281°, 47%, 60%
HSV	281°, 48%, 78%
XYZ	31.9532, 22.6168, 57.3249
YIQ	134.6780, 8.5200, 43.8480

# Conversions

## Conversions Part 2

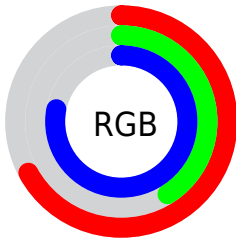
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	170, 104, 200
Decimal	11167944
CIE <sub>Lab</sub>	54.68, 43.03, -39.64
CIE <sub>LCh</sub>	55, 58.506, 317.348
Yxy	22.6168, 0.2856, 0.2021
Android (android.graphics.Color)	4289358024 (0xFFAA68C8)
YUV	134.6780, 32.2037, 30.9774
Hunter-Lab	47.5571, 36.7076, -38.1776

# Details

The Hex color **AA68C8** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **86C868**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **E39DFF**, and **743692** is the 20% darker color. If you saturate the color by 10%, you get **A454C8**, and if you desaturate by 10%, it is **B07CC8**.

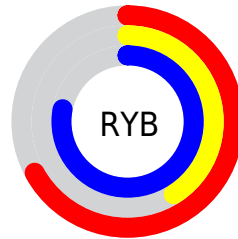
# Distribution



Red (67%)

Green (41%)

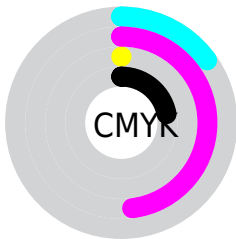
Blue (78%)



Red (67%)

Yellow (41%)

Blue (78%)

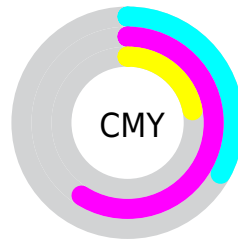


Cyan (15%)

Magenta (48%)

Yellow (0%)

Black (22%)



Cyan (33%)

Magenta (59%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA68C8 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 AA68C8 by changing the saturation by 10% instead.



■ AA68C8

■ AA68C8

FFFFFF

■ 8E4FAC

■ E39DFF

■ 743692

■ FFB8FF

■ 591C77

■ FFD5FF

■ 3F005E

■ FFF1FF

■ 270046

■ 09002F

■ 000119

■ 000000

■ AA68C8

■ AA68C8

 A454C8

 B07CC8

 9E40C8

 B790C8

 972CC8

 BDA4C8

 9118C8

 C3B8C8

 8B04C8

 C9CCC8

 8A00C8

 D0E0C8

 D6F4C8

 DCFFC8

 E2FFC8

# Harmonies

## Analogous

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



577EE4



AA68C8



D3549A

# Triad

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



AA68C8



AE7913



009BA0

# Complementary

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



AA68C8



86C868

# 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.



00996B



AA68C8



808910

# Square

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



AA68C8



CF6439



439439



0098CC

# Rectangle

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



AA68C8



DD5178



439439



009B8E



# Sweetspot

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



AA68C8



F4DBFF



6886C8



796A80



000000



808080



# Same Dimension

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



AA68C8



D16BFF



C868B6



605A63



7000A3



190024



# Inverse Universe

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



C86886



FF6B99



68C87A



635A5D



A30033

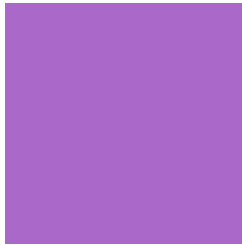


24000B



# Previews

## White Background



This preview shows how the Hex color AA68C8 looks on a white background.

## Color Contrast Check

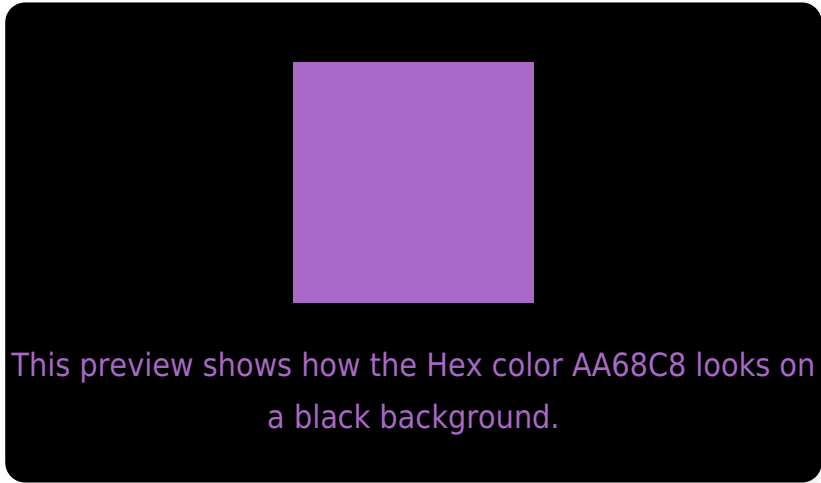
Large Text (above 18pt) WCAG AA ✓ Pass

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

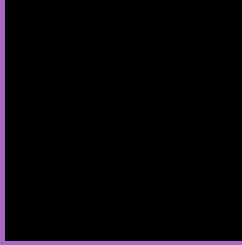
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA68C8 Background



This preview shows how black text looks on a background with the Hex color AA68C8.

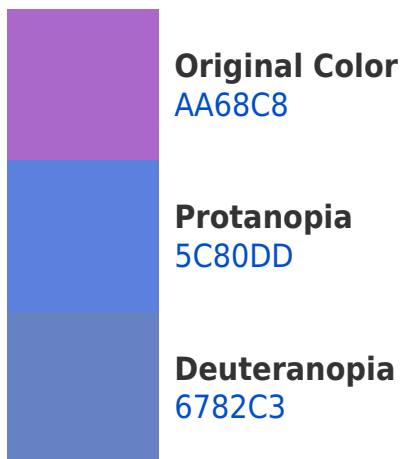


This preview shows how white text looks on a background with the Hex color AA68C8.

# 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



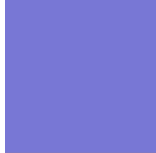


**Tritanopia**  
9F7982

# Trichromacy



**Original Color**  
AA68C8



**Protanomaly**  
7877D5



**Deuteranomaly**  
7F79C5



**Tritanomaly**  
A3739B

# Monochromacy



**Original Color**  
AA68C8



**Achromatopsia**  
878787



**Achromatomaly**  
947C9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA68C8 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 #AA68C8 looks like.

```
.text, #text, p{  
    color:#AA68C8  
}
```

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 #AA68C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA68C8
}
```

## Border

The CSS property to change the border of an element to Hex AA68C8 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
#AA68C8 }
```

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

```
.border{ border-color:#AA68C8 }
```

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

Here you see how a box with a 4 pixel #AA68C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA68C8; -webkit-box-shadow:4px 4px  
4px 4px #AA68C8; box-shadow:4px 4px 4px  
4px #AA68C8 }
```

# Background

The CSS property to change the background color of an element to Hex AA68C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA68C8 }
```

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

```
.background{ background-color:#AA68C8 }
```

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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