

# Converting Colors

Hex(AA7187)

Have a look what the booklet for  
Hex(AA7187) contains.

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**Color**

**Hex(AA7187)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA7187
RGB	170, 113, 135
RGB Percent	67%, 44%, 53%
CMY	0.3333, 0.5569, 0.4706
CMYK	0.00, 0.34, 0.21, 0.33
HSL	337°, 25%, 55%
HSV	337°, 34%, 67%
XYZ	26.8559, 22.1056, 25.7730
YIQ	132.5510, 26.9100, 18.9260

# Conversions

## Conversions Part 2

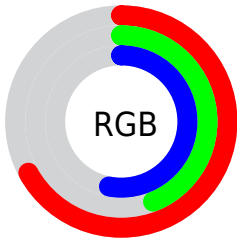
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 113, 135
Decimal	11170183
CIE <sub>Lab</sub>	54.14, 25.78, -2.79
CIE <sub>LCh</sub>	54, 25.926, 353.825
Yxy	22.1056, 0.3594, 0.2958
Android (android.graphics.Color)	4289360263 (0xFFAA7187)
YUV	132.5510, 1.2074, 32.8428
Hunter-Lab	47.0166, 19.6802, 0.4107

# Details

The Hex color **AA7187** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **71AA94**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **E2A5BC**, and **754055** is the 20% darker color. If you saturate the color by 10%, you get **AA607D**, and if you desaturate by 10%, it is **AA8291**.

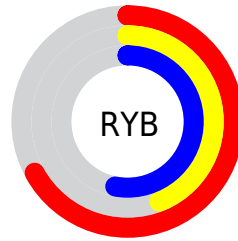
# Distribution



Red (67%)

Green (44%)

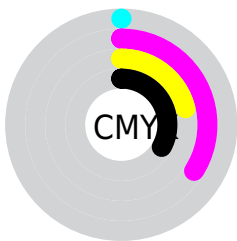
Blue (53%)



Red (67%)

Yellow (44%)

Blue (53%)

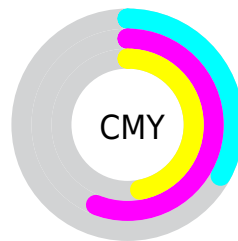


Cyan (0%)

Magenta (34%)

Yellow (21%)

Black (33%)



Cyan (33%)

Magenta (56%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA7187 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 AA7187 by changing the saturation by 10% instead.



AA7187

AA7187

FFFFFF

8F586E

E2A5BC

754055

FFC1D8

5B293E

FFDDF4

421228

FFFAFF

2B0014

010000

000000

AA7187

AA7187

AA607D

AA8291

■ AA4F72

■ AA939C

■ AA3E68

■ AAA4A6

■ AA2D5D

■ AAB5B1

■ AA1C53

■ AAC6BB

■ AA0B48

■ AAD7C6

■ AA0042

■ AAE8D0

■ AAF9DB

■ AAFFE5

# Harmonies

## Analogous

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



9A769C



AA7187



AE7270

# Triad

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



AA7187



7E8658



3F8BA5

# Complementary

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



AA7187



71AA94

# 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.



388D93



AA7187



658B66

# Square

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



AA7187



957E55



4B8D7C



5C85AD

# Rectangle

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



AA7187



AA7563



4B8D7C



398CA0



# Sweetspot

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



AA7187



DEC8D0



9371AA



706368



F0F0F0



707070



# Same Dimension

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



AA7187



DE85A7



AA7771



544C4F



940039



140008



# Inverse Universe

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



AA7187



DE85A7



71A4AA



544C4F



940039

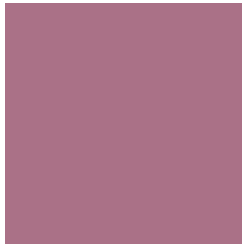


140008



# Previews

## White Background



This preview shows how the Hex color AA7187 looks on a white background.

## Color Contrast Check

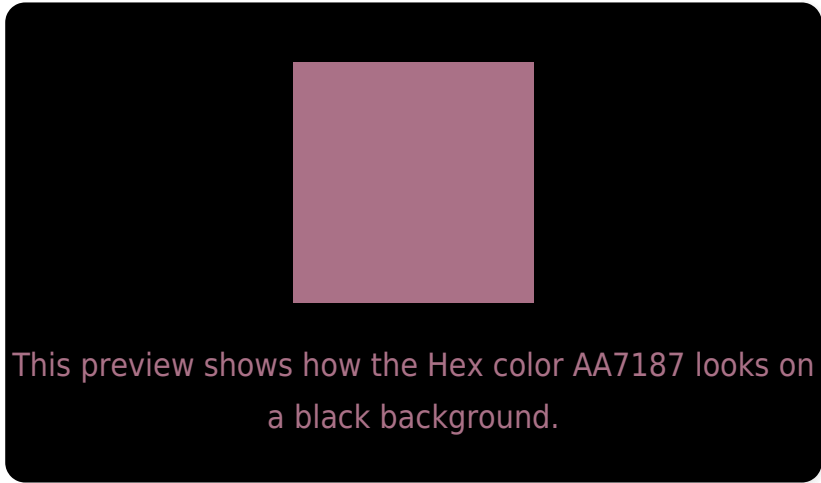
Large Text (above 18pt) WCAG AA ✓ Pass

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

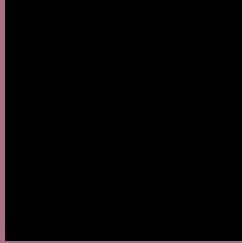
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA7187 Background



This preview shows how black text looks on a background with the Hex color AA7187.



This preview shows how white text looks on a background with the Hex color AA7187.

# 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**  
AA7187

**Protanopia**  
808191

**Deuteranopia**  
8D7E85



**Tritanopia**  
A9737C

# Trichromacy



**Original Color**  
AA7187

**Protanomaly**  
8F7B8D

**Deuteranomaly**  
987986

**Tritanomaly**  
A97280

# Monochromacy



**Original Color**  
AA7187

**Achromatopsia**  
858585

**Achromatomaly**  
927E86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA7187 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 #AA7187 looks like.

```
.text, #text, p{  
    color:#AA7187  
}
```

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 #AA7187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7187
}
```

## Border

The CSS property to change the border of an element to Hex AA7187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

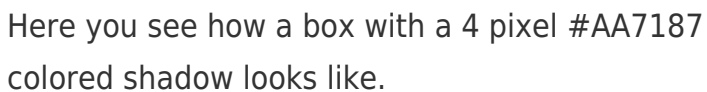
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA7187 }
```

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

```
.border{ border-color:#AA7187 }
```

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



Here you see how a box with a 4 pixel #AA7187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7187; -webkit-box-shadow:4px 4px  
4px 4px #AA7187; box-shadow:4px 4px 4px  
4px #AA7187 }
```

# Background

The CSS property to change the background color of an element to Hex AA7187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7187 }
```

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

```
.background{ background-color:#AA7187 }
```

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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