

Converting Colors

Hex(AA667D)

Have a look what the booklet for
Hex(AA667D) contains.

Hex(AA667D)	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(AA667D)

Conversions

Conversions Part 1

Format	Color
Hex	AA667D
RGB	170, 102, 125
RGB Percent	67%, 40%, 49%
CMY	0.3333, 0.6000, 0.5098
CMYK	0.00, 0.40, 0.26, 0.33
HSL	340°, 29%, 53%
HSV	340°, 40%, 67%
XYZ	25.0306, 19.5295, 21.8523
YIQ	124.9540, 33.1450, 21.5690

Conversions

Conversions Part 2

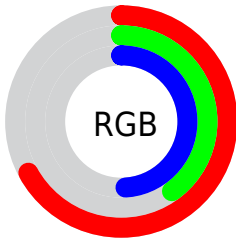
Format	Color
R_{YB}	170, 102, 125
Decimal	11167357
CIE Lab	51.30, 30.40, -1.06
CIE LCh	51, 30.418, 358.003
Yxy	19.5295, 0.3769, 0.2941
Android (android.graphics.Color)	4289357437 (0xFFAA667D)
YUV	124.9540, 0.0227, 39.5053
Hunter-Lab	44.1921, 23.7668, 1.6165

Details

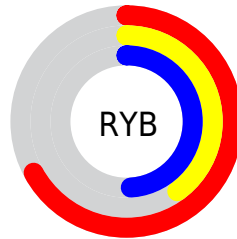
The Hex color **AA667D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **66AA93**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **E39AB2**, and **74354C** is the 20% darker color. If you saturate the color by 10%, you get **AA5572**, and if you desaturate by 10%, it is **AA7788**.

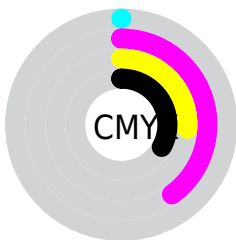
Distribution



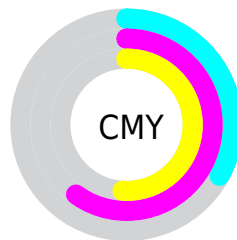
- Red (67%)
- Green (40%)
- Blue (49%)



- Red (67%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (26%)
- Black (33%)



- Cyan (33%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA667D 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 AA667D by changing the saturation by 10% instead.

■ AA667D

■ AA667D

FFFFFF

■ 8F4D64

■ E39AB2

■ 74354C

■ FF5CD

■ 5A1D36

■ FFD1E9

■ 410420

■ FFEEFF

■ 2C0009

■ 000000

■ AA667D

■ AA667D

■ AA5572

■ AA7788

■ AA4466

■ AA8893

■ AA335B

■ AA999F

■ AA2250

■ AAAAAA

■ AA1145

■ AABBB5

■ AA0039

■ AACCC1

■ AADDCC

■ AAEEED7

■ AAFFE2

Harmonies

Analogous

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



996B96



AA667D



AC6863

Triad

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



AA667D



72804B



1E84A6

Complementary

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



AA667D



66AA93

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.



008892



AA667D



53855E

Square

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



AA667D



8D7846



2F8878



517DAE

Rectangle

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



AA667D



A66C55



2F8878



0886A0

Sweetspot

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



AA667D



DEC3CC



9266AA



706066



F0F0F0



707070

Same Dimension

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



AA667D



DE7397



AA7066



544C4F



940032



140007

Inverse Universe

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



AA667D



DE7397



66A0AA



544C4F



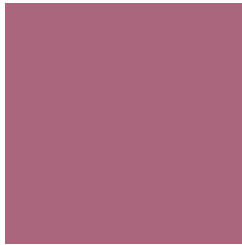
940032



140007

Previews

White Background



This preview shows how the Hex color AA667D looks on a white background.

Color Contrast Check

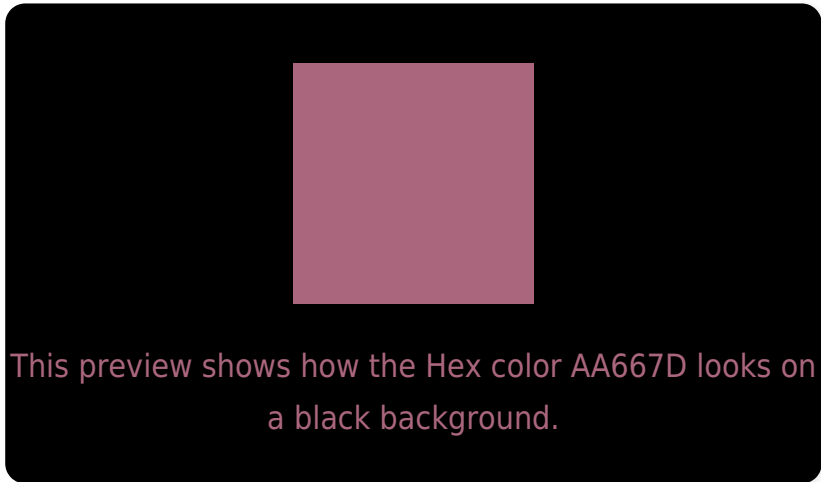
Large Text (above 18pt) WCAG AA ✓ Pass

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

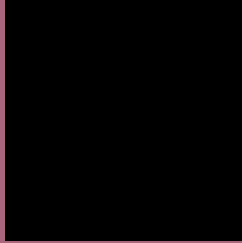
Any Text WCAG AA ✓ Pass

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 AA667D Background



This preview shows how black text looks on a background with the Hex color AA667D.



This preview shows how white text looks on a background with the Hex color AA667D.

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
AA667D

Protanopia
797A89

Deuteranopia
87777A



Tritanopia
A96870

Trichromacy



Original Color
AA667D

Protanomaly
8B7385

Deuteranomaly
94717B

Tritanomaly
A96775

Monochromacy



Original Color
AA667D

Achromatopsia
7D7D7D

Achromatomaly
8D757D

CSS Examples

Text

The CSS property to change the color of the text to Hex AA667D 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 #AA667D looks like.

```
.text, #text, p{  
    color:#AA667D  
}
```

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 #AA667D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA667D
}
```

Border

The CSS property to change the border of an element to Hex AA667D is called "border". The border property can be set on classes, ids or directly on the HTML element.

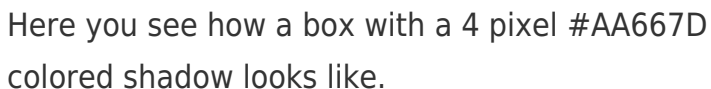
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA667D }
```

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

```
.border{ border-color:#AA667D }
```

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



Here you see how a box with a 4 pixel #AA667D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA667D; -webkit-box-shadow:4px 4px  
4px 4px #AA667D; box-shadow:4px 4px 4px  
4px #AA667D }
```

Background

The CSS property to change the background color of an element to Hex AA667D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA667D }
```

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

```
.background{ background-color:#AA667D }
```

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