

Converting Colors

Hex(AA007F)

Have a look what the booklet for
Hex(AA007F) contains.

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Color

Hex(AA007F)

Conversions

Conversions Part 1

Format	Color
Hex	AA007F
RGB	170, 0, 127
RGB Percent	67%, 0%, 50%
CMY	0.3333, 1.0000, 0.5020
CMYK	0.00, 1.00, 0.25, 0.33
HSL	315°, 100%, 33%
HSV	315°, 100%, 67%
XYZ	20.4083, 10.0784, 20.9484
YIQ	65.3080, 60.5530, 75.5370

Conversions

Conversions Part 2

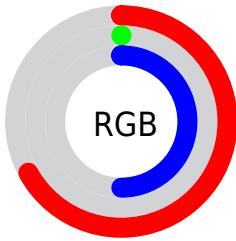
Format	Color
R_{YB}	170, 0, 127
Decimal	11141247
CIE _{Lab}	37.98, 66.72, -22.39
CIE _{LCh}	38, 70.376, 341.453
Yxy	10.0784, 0.3968, 0.1959
Android (android.graphics.Color)	4289331327 (0xFFAA007F)
YUV	65.3080, 30.4142, 91.8149
Hunter-Lab	31.7464, 59.1933, -16.9009

Details

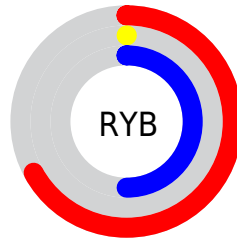
The Hex color **AA007F** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **00AA2B**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **E551B4**, and **71004E** is the 20% darker color. If you saturate the color by 10%, you get **AA007F**, and if you desaturate by 10%, it is **AA1183**.

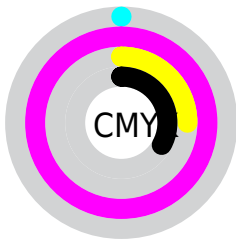
Distribution



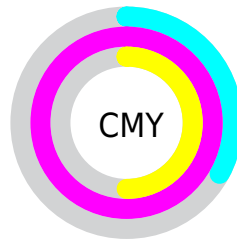
- Red (67%)
- Green (0%)
- Blue (50%)



- Red (67%)
- Yellow (0%)
- Blue (50%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA007F 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 AA007F by changing the saturation by 10% instead.

■ AA007F

■ AA007F

FFFFFF

■ 8D0066

■ E551B4

■ 71004E

■ FF6FD0

■ 550036

■ FF8BEC

■ 3B0021

■ FFA8FF

■ 1B0005

■ FFC5FF

■ 000000

■ FFE3FF

■ AA007F

■ AA1183

■ AA2288

■ AA338C

■ AA4490

■ AA5594

■ AA6699

■ AA779D

■ AA88A1

■ AA99A6

Harmonies

Analogous

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



733DB0



AA007F



B90047

Triad

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



AA007F



5A5E00



0070A5

Complementary

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



AA007F



00AA2B

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.



00716F



AA007F



006900

Square

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



AA007F



8A4900



006E32



006AC7

Rectangle

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



AA007F



B31022



006E32



007094

Sweetspot

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



AA007F



DE9BCD



2A00AA



704866



F0F0F0



707070

Same Dimension

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



AA007F



DE00A6



AA002A



544C52



94006E



14000F

Inverse Universe

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



AA007F



DE00A6



00AA7F



544C52



94006E



14000F

Previews

White Background



This preview shows how the Hex color AA007F looks on a white background.

Color Contrast Check

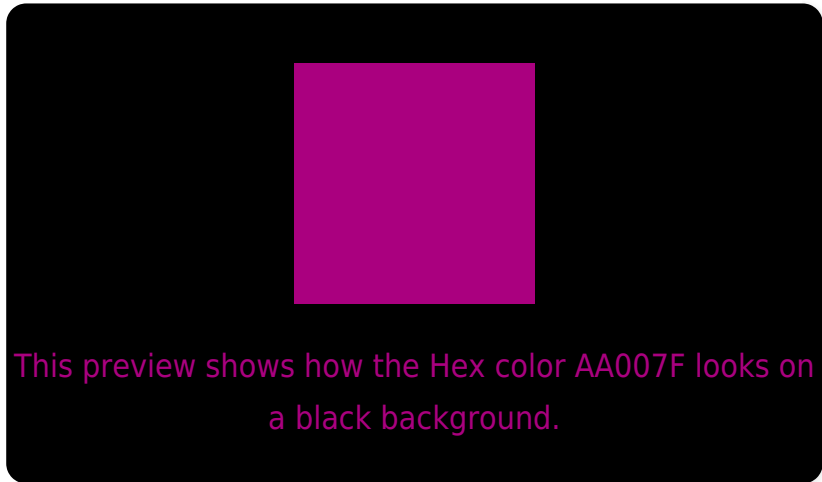
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

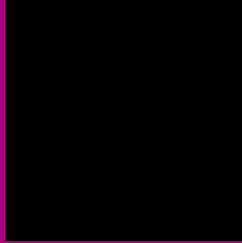
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex AA007F Background



This preview shows how black text looks on a background with the Hex color AA007F.



This preview shows how white text looks on a background with the Hex color AA007F.

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



Trichromacy



Original Color
AA007F



Protanomaly
5539A1



Deuteranomaly
75397A



Tritanomaly
A62050

Monochromacy



Original Color
AA007F



Achromatopsia
414141



Achromatomaly
672958

CSS Examples

Text

The CSS property to change the color of the text to Hex AA007F 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 #AA007F looks like.

```
.text, #text, p{  
    color:#AA007F  
}
```

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 #AA007F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA007F
}
```

Border

The CSS property to change the border of an element to Hex AA007F 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
#AA007F }
```

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

```
.border{ border-color:#AA007F }
```

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

Here you see how a box with a 4 pixel #AA007F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA007F; -webkit-box-shadow:4px 4px  
4px 4px #AA007F; box-shadow:4px 4px 4px  
4px #AA007F }
```

Background

The CSS property to change the background color of an element to Hex AA007F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA007F }
```

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

```
.background{ background-color:#AA007F }
```

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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