

Converting Colors

Hex(A00C78)

Have a look what the booklet for
Hex(A00C78) contains.

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Color

Hex(A00C78)

Conversions

Conversions Part 1

Format	Color
Hex	A00C78
RGB	160, 12, 120
RGB Percent	63%, 5%, 47%
CMY	0.3725, 0.9529, 0.5294
CMYK	0.00, 0.92, 0.25, 0.37
HSL	316°, 86%, 34%
HSV	316°, 92%, 63%
XYZ	18.0188, 9.0926, 18.5746
YIQ	68.5640, 53.5400, 64.9640

Conversions

Conversions Part 2

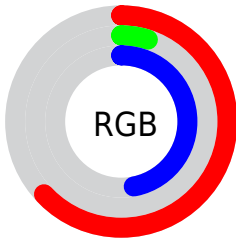
Format	Color
RYB	160, 12, 120
Decimal	10488952
CIELab	36.16, 62.40, -20.99
CIElCh	36, 65.831, 341.409
Yxy	9.0926, 0.3944, 0.1990
Android (android.graphics.Color)	4288679032 (0xFFA00C78)
YUV	68.5640, 25.3579, 80.1894
Hunter-Lab	30.1539, 53.8954, -15.4146

Details

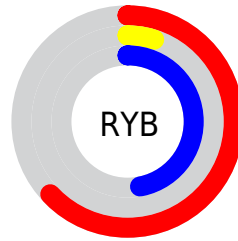
The Hex color **A00C78** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0CA034**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **DA52AC**, and **680047** is the 20% darker color. If you saturate the color by 10%, you get **A00075**, and if you desaturate by 10%, it is **A01C7C**.

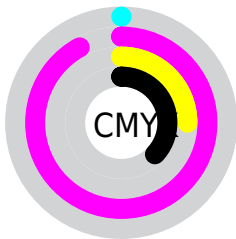
Distribution



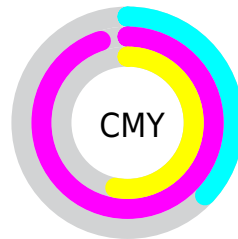
- Red (63%)
- Green (5%)
- Blue (47%)



- Red (63%)
- Yellow (5%)
- Blue (47%)



- Cyan (0%)
- Magenta (92%)
- Yellow (25%)
- Black (37%)



- Cyan (37%)
- Magenta (95%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color A00C78 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 A00C78 by changing the saturation by 10% instead.

 A00C78

 A00C78

FFFFFF

 84005F

 DA52AC

 680047

 F86FC8

 4C0030

 FF8BE4

 32001B

 FFA7FF

 070000

 FFC4FF

 000000

 FFE1FF

 A00C78

 A00C78

 A00075

 A01C7C

 A02C81

 A03C85

 A04C89

 A05C8E

 A06C92

 A07C96

 A08C9B

 A09C9F

Harmonies

Analogous

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



6D3BA5



A00C78



AF0044

Triad

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



A00C78



575900



006A9B

Complementary

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



A00C78



0CA034

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.



006B69



A00C78



086400

Square

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



A00C78



834600



006931



0064BA

Rectangle

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



A00C78



A91622



006931



006B8B

Sweetspot

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



A00C78



D197C1



330CA0



69455F



E8E8E8



696969

Same Dimension

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



A00C78



D10099



A00C2F



4F474D



8F0068



0F000B

Inverse Universe

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



A00C78



D10099



0CA07D



4F474D



8F0068



0F000B

Previews

White Background



This preview shows how the Hex color A00C78 looks on a white background.

Color Contrast Check

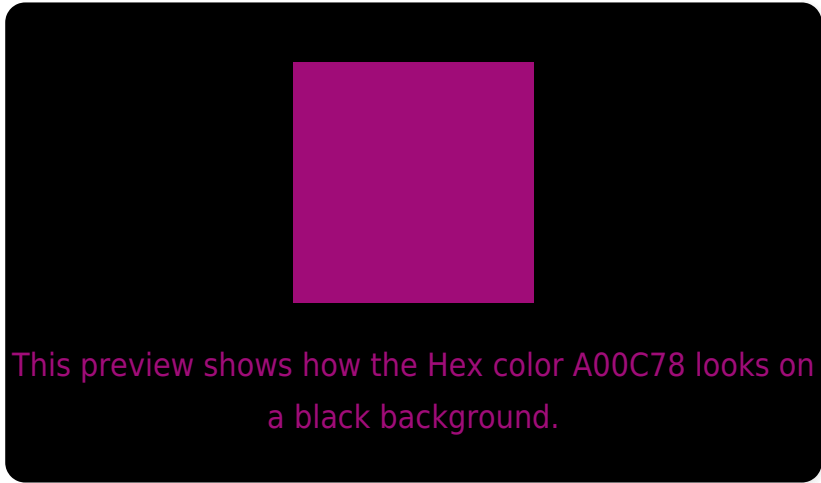
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 A00C78 Background



This preview shows how black text looks on a background with the Hex color A00C78.

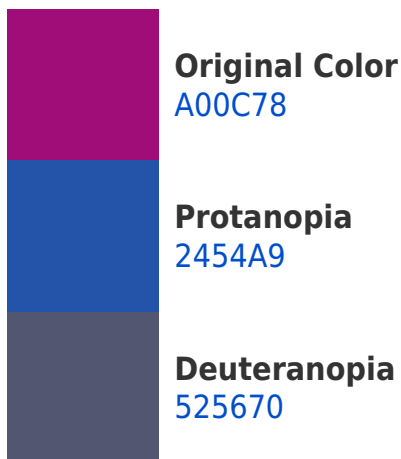



This preview shows how white text looks on a background with the Hex color A00C78.

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
9B3033

Trichromacy



Original Color
A00C78



Protanomaly
513A97



Deuteranomaly
6E3B73



Tritanomaly
9D234C

Monochromacy



Original Color
A00C78



Achromatopsia
454545



Achromatomaly
663058

CSS Examples

Text

The CSS property to change the color of the text to Hex A00C78 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 #A00C78 looks like.

```
.text, #text, p{  
    color:#A00C78  
}
```

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 #A00C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A00C78
}
```

Border

The CSS property to change the border of an element to Hex A00C78 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
#A00C78 }
```

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

```
.border{ border-color:#A00C78 }
```

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

Here you see how a box with a 4 pixel #A00C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A00C78; -webkit-box-shadow:4px 4px  
4px 4px #A00C78; box-shadow:4px 4px 4px  
4px #A00C78 }
```

Background

The CSS property to change the background color of an element to Hex A00C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A00C78 }
```

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

```
.background{ background-color:#A00C78 }
```

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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