

Converting Colors

Hex(9903AA)

Have a look what the booklet for
Hex(9903AA) contains.

Hex(9903AA)	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(9903AA)

Conversions

Conversions Part 1

Format	Color
Hex	9903AA
RGB	153, 3, 170
RGB Percent	60%, 1%, 67%
CMY	0.4000, 0.9882, 0.3333
CMYK	0.10, 0.98, 0.00, 0.33
HSL	294°, 97%, 34%
HSV	294°, 98%, 67%
XYZ	20.4251, 9.7397, 38.8336
YIQ	66.8880, 35.7930, 83.7370

Conversions

Conversions Part 2

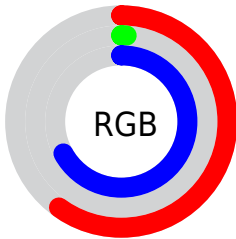
Format	Color
R_{YB}	153, 3, 170
Decimal	10027946
CIE _{Lab}	37.37, 69.44, -49.81
CIE _{LCh}	37, 85.459, 324.345
Yxy	9.7397, 0.2960, 0.1412
Android (android.graphics.Color)	4288218026 (0xFF9903AA)
YUV	66.8880, 50.8342, 75.5202
Hunter-Lab	31.2085, 62.2086, -51.9303

Details

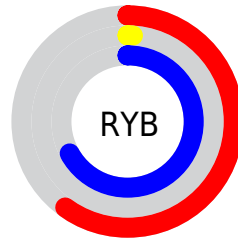
The Hex color **9903AA** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **14AA03**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **D351E2**, and **610075** is the 20% darker color. If you saturate the color by 10%, you get **9900AA**, and if you desaturate by 10%, it is **9B14AA**.

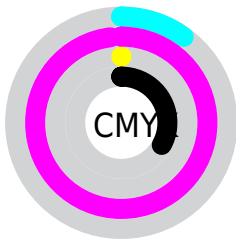
Distribution



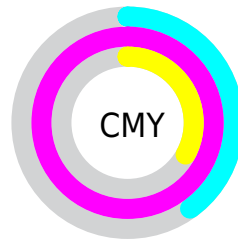
- Red (60%)
- Green (1%)
- Blue (67%)



- Red (60%)
- Yellow (1%)
- Blue (67%)



- Cyan (10%)
- Magenta (98%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (99%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9903AA 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 9903AA by changing the saturation by 10% instead.

9903AA

9903AA

FFFFFF

7D008F

D351E2

610075

F16EFF

45005B

FF8BFF

2B0043

FFA7FF

01002C

FFC4FF

000116

FFE2FF

000000

9903AA

9903AA

9900AA

9B14AA

 9C25AA

 9E36AA

 A047AA

 A258AA

 A369AA

 A57AAA

 A78BAA

 A99CAA

Harmonies

Analogous

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



004CD9



9903AA



C40068

Triad

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



9903AA



775100



007290

Complementary

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



9903AA



14AA03

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.



007048



9903AA



326400

Square

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



9903AA



A82800



006D00



0070CA

Rectangle

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



9903AA



C8003B



006D00



007279

Sweetspot

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



9903AA



D79EDE



0316AA



6C4970



F0F0F0



707070

Same Dimension

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



9903AA



C700DE



AA036A



534C54



850094



120014

Inverse Universe

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



AA0314



DE0017



03AA43



544C4D



94000F



140002

Previews

White Background



This preview shows how the Hex color 9903AA looks on a white background.

Color Contrast Check

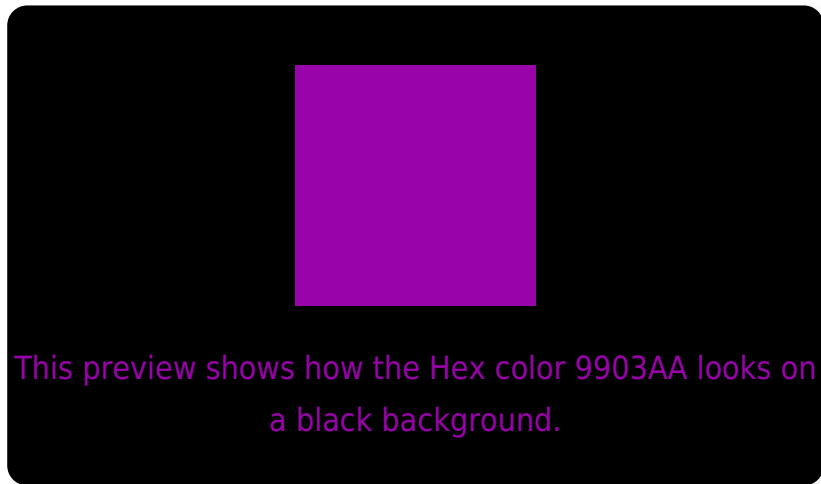
Large Text (above 18pt) WCAG AA ✓ Pass

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

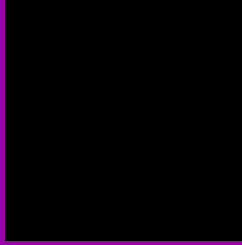
Any Text WCAG AA × Fail

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 9903AA Background



This preview shows how black text looks on a background with the Hex color 9903AA.

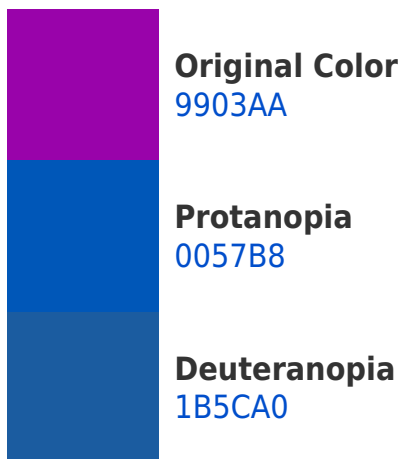


This preview shows how white text looks on a background with the Hex color 9903AA.

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
8D4347

Trichromacy



Original Color
9903AA



Protanomaly
3838B3



Deuteranomaly
493CA4



Tritanomaly
912C6B

Monochromacy



Original Color
9903AA



Achromatopsia
434343



Achromatomaly
622C68

CSS Examples

Text

The CSS property to change the color of the text to Hex 9903AA 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 #9903AA looks like.

```
.text, #text, p{  
    color:#9903AA  
}
```

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 #9903AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9903AA
}
```

Border

The CSS property to change the border of an element to Hex 9903AA 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
#9903AA }
```

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

```
.border{ border-color:#9903AA }
```

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

Here you see how a box with a 4 pixel #9903AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9903AA; -webkit-box-shadow:4px 4px  
4px 4px #9903AA; box-shadow:4px 4px 4px  
4px #9903AA }
```

Background

The CSS property to change the background color of an element to Hex 9903AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9903AA }
```

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

```
.background{ background-color:#9903AA }
```

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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