

Converting Colors

Hex(9723AA)

Have a look what the booklet for
Hex(9723AA) contains.

Hex(9723AA)	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(9723AA)

Conversions

Conversions Part 1

Format	Color
Hex	9723AA
RGB	151, 35, 170
RGB Percent	59%, 14%, 67%
CMY	0.4078, 0.8627, 0.3333
CMYK	0.11, 0.79, 0.00, 0.33
HSL	292°, 66%, 40%
HSV	292°, 79%, 67%
XYZ	20.6192, 10.6837, 39.0056
YIQ	85.0740, 25.8010, 66.5770

Conversions

Conversions Part 2

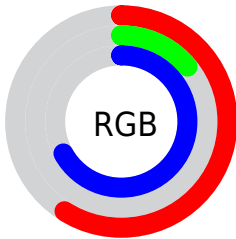
Format	Color
R_{YB}	151, 35, 170
Decimal	9905066
CIE _{Lab}	39.04, 63.18, -47.14
CIE _{LCh}	39, 78.830, 323.272
Yxy	10.6837, 0.2933, 0.1520
Android (android.graphics.Color)	4288095146 (0xFF9723AA)
YUV	85.0740, 41.8685, 57.8171
Hunter-Lab	32.6859, 55.4030, -47.8735

Details

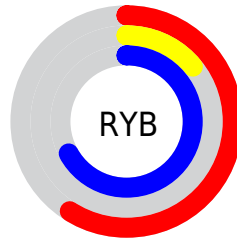
The Hex color **9723AA** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **36AA23**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **D15EE2**, and **5F0075** is the 20% darker color. If you saturate the color by 10%, you get **9512AA**, and if you desaturate by 10%, it is **9934AA**.

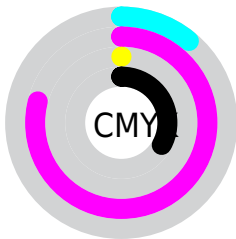
Distribution



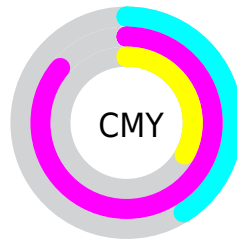
- Red (59%)
- Green (14%)
- Blue (67%)



- Red (59%)
- Yellow (14%)
- Blue (67%)



- Cyan (11%)
- Magenta (79%)
- Yellow (0%)
- Black (33%)



- Cyan (41%)
- Magenta (86%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9723AA 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 9723AA by changing the saturation by 10% instead.

9723AA

9723AA

FFFFFF

7B008F

D15EE2

5F0075

EE7AFF

44005C

FF96FF

2C0044

FFB3FF

03002C

FFCFFF

000116

FFEDFF

000000

9723AA

9723AA

9512AA

9934AA

9201AA

9C45AA

9200AA

9E56AA

A167AA

A378AA

A589AA

A89AAA

AAABAA

ADBCAA

Harmonies

Analogous

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



0052D4



9723AA



C1006D

Triad

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



9723AA



7D5500



00758D

Complementary

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



9723AA



36AA23

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.



00744B



9723AA



406700

Square

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



9723AA



AA3100



007000



0073C4

Rectangle

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



9723AA



C60043



007000



007578

Sweetspot

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



9723AA



D6A9DE



2337AA



6C5070



F0F0F0



707070

Same Dimension

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



9723AA



C00BDE



AA237B



534C54



7F0094



120014

Inverse Universe

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



AA2336



DE0B29



23AA52



544C4D



940015



140003

Previews

White Background



This preview shows how the Hex color 9723AA looks on a white background.

Color Contrast Check

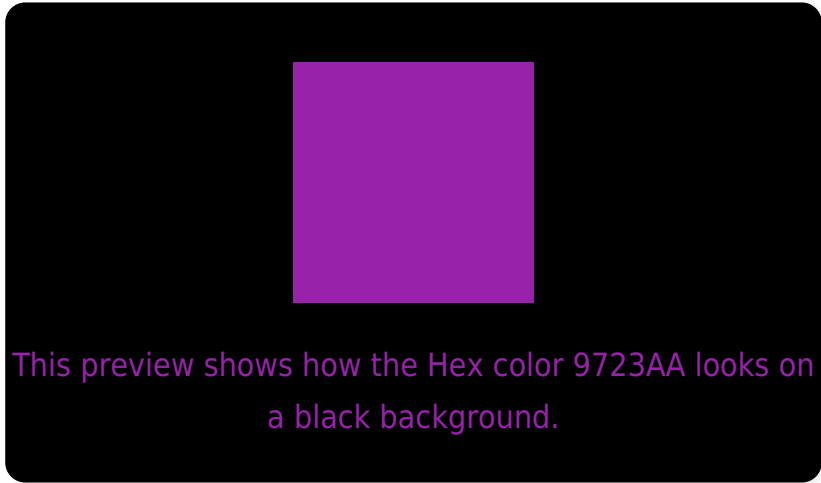
Large Text (above 18pt) WCAG AA ✓ Pass

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

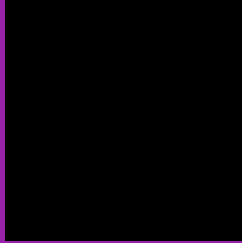
Any Text WCAG AA × Fail

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 9723AA Background



This preview shows how black text looks on a background with the Hex color 9723AA.

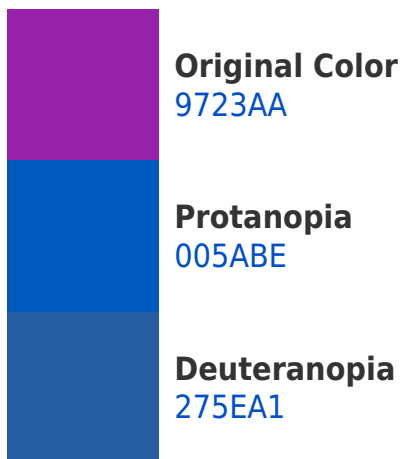


This preview shows how white text looks on a background with the Hex color 9723AA.

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
8B494E

Trichromacy



Original Color
9723AA



Protanomaly
3746B7



Deuteranomaly
5049A4



Tritanomaly
8F3B6F

Monochromacy



Original Color
9723AA



Achromatopsia
555555



Achromatomaly
6D4374

CSS Examples

Text

The CSS property to change the color of the text to Hex 9723AA 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 #9723AA looks like.

```
.text, #text, p{  
    color:#9723AA  
}
```

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 #9723AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9723AA
}
```

Border

The CSS property to change the border of an element to Hex 9723AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

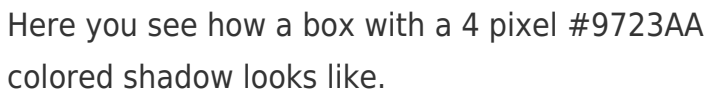
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9723AA }
```

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

```
.border{ border-color:#9723AA }
```

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



Here you see how a box with a 4 pixel #9723AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9723AA; -webkit-box-shadow:4px 4px  
4px 4px #9723AA; box-shadow:4px 4px 4px  
4px #9723AA }
```

Background

The CSS property to change the background color of an element to Hex 9723AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9723AA }
```

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

```
.background{ background-color:#9723AA }
```

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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