

Converting Colors

Hex(9668AA)

Have a look what the booklet for
Hex(9668AA) contains.

Hex(9668AA)	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(9668AA)

Conversions

Conversions Part 1

Format	Color
Hex	9668AA
RGB	150, 104, 170
RGB Percent	59%, 41%, 67%
CMY	0.4118, 0.5922, 0.3333
CMYK	0.12, 0.39, 0.00, 0.33
HSL	282°, 28%, 54%
HSV	282°, 39%, 67%
XYZ	24.7837, 19.2869, 40.4467
YIQ	125.2780, 6.2300, 30.2780

Conversions

Conversions Part 2

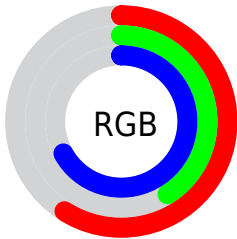
Format	Color
R_{YB}	150, 104, 170
Decimal	9857194
CIE _{Lab}	51.02, 30.55, -28.22
CIE _{LCh}	51, 41.586, 317.271
Yxy	19.2869, 0.2932, 0.2282
Android (android.graphics.Color)	4288047274 (0xFF9668AA)
YUV	125.2780, 22.0479, 21.6812
Hunter-Lab	43.9169, 23.8786, -23.8633

Details

The Hex color **9668AA** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7CAA68**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **CD9CE2**, and **623776** is the 20% darker color. If you saturate the color by 10%, you get **9157AA**, and if you desaturate by 10%, it is **9B79AA**.

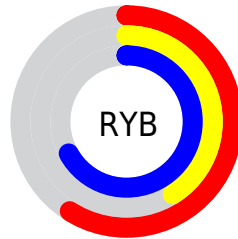
Distribution



Red (59%)

Green (41%)

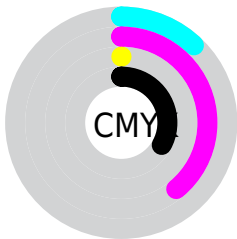
Blue (67%)



Red (59%)

Yellow (41%)

Blue (67%)

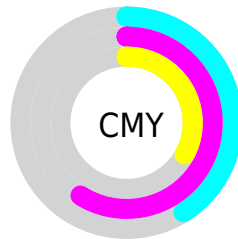


Cyan (12%)

Magenta (39%)

Yellow (0%)

Black (33%)



Cyan (41%)

Magenta (59%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9668AA 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 9668AA by changing the saturation by 10% instead.

9668AA

9668AA

FFFFFF

7C4F8F

CD9CE2

623776

EAB7FE

49205D

FFD3FF

310945

FFEFFF

1E002E

000118

000000

9668AA

9668AA

9157AA

9B79AA

8C46AA

A08AAA

8735AA

A59BAA

8124AA

ABACAA

7C13AA

B0BDAA

7702AA

B5CEAA

7600AA

BADFAA

BFF0AA

C4FFAA

Harmonies

Analogous

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



6276BD



9668AA



B35D8A

Triad

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



9668AA



9B7233



008B8D

Complementary

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



9668AA



7CAA68

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.



008A69



9668AA



7A7E32

Square

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



9668AA



B26547



518647



0089AD

Rectangle

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



9668AA



BB5B72



518647



008B81

Sweetspot

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



9668AA



D6C3DE



687DAA



6B6070



F0F0F0



707070

Same Dimension

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



9668AA



BE76DE



AA689E



524C54



670094



0E0014

Inverse Universe

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



AA687C



DE7695



68AA74



544C4E



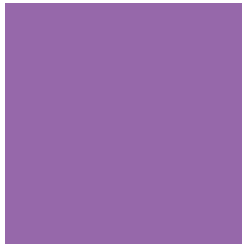
94002D



140006

Previews

White Background



This preview shows how the Hex color 9668AA looks on a white background.

Color Contrast Check

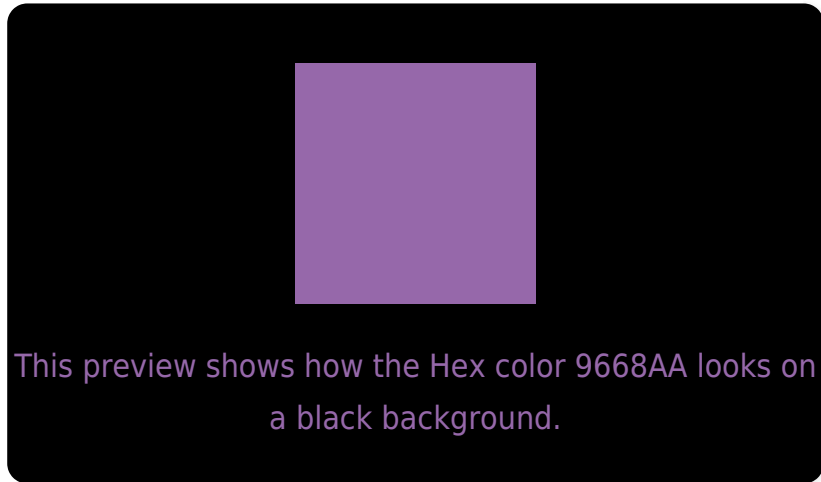
Large Text (above 18pt) WCAG AA ✓ Pass

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

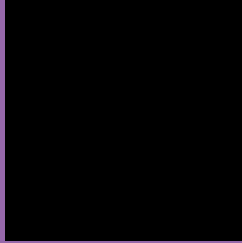
Any Text WCAG AA ✓ Pass

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 9668AA Background



This preview shows how black text looks on a background with the Hex color 9668AA.

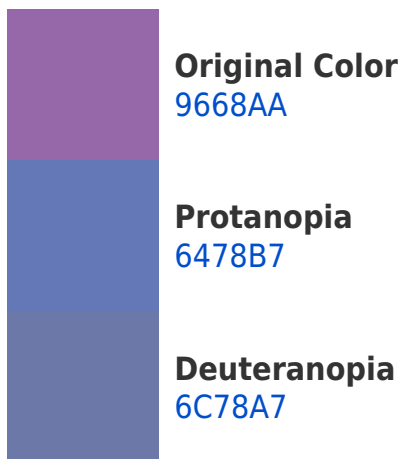


This preview shows how white text looks on a background with the Hex color 9668AA.

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
8F727B

Trichromacy



Original Color
9668AA

Protanomaly
7672B2

Deuteranomaly
7B72A8

Tritanomaly
926E8C

Monochromacy



Original Color
9668AA

Achromatopsia
7D7D7D

Achromatomaly
86758D

CSS Examples

Text

The CSS property to change the color of the text to Hex 9668AA 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 #9668AA looks like.

```
.text, #text, p{  
    color:#9668AA  
}
```

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 #9668AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9668AA
}
```

Border

The CSS property to change the border of an element to Hex 9668AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

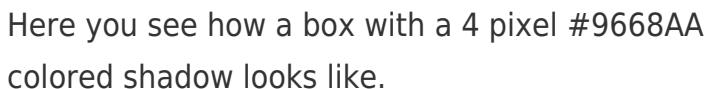
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9668AA }
```

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

```
.border{ border-color:#9668AA }
```

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



Here you see how a box with a 4 pixel #9668AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9668AA; -webkit-box-shadow:4px 4px  
4px 4px #9668AA; box-shadow:4px 4px 4px  
4px #9668AA }
```

Background

The CSS property to change the background color of an element to Hex 9668AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9668AA }
```

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

```
.background{ background-color:#9668AA }
```

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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