

Converting Colors

Hex(9952AA)

Have a look what the booklet for
Hex(9952AA) contains.

Hex(9952AA)	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(9952AA)

Conversions

Conversions Part 1

Format	Color
Hex	9952AA
RGB	153, 82, 170
RGB Percent	60%, 32%, 67%
CMY	0.4000, 0.6784, 0.3333
CMYK	0.10, 0.52, 0.00, 0.33
HSL	288°, 35%, 49%
HSV	288°, 52%, 67%
XYZ	23.4099, 15.7092, 39.8285
YIQ	113.2610, 14.0680, 42.4200

Conversions

Conversions Part 2

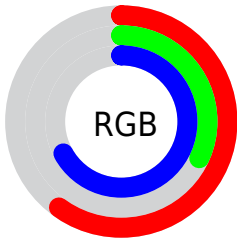
Format	Color
R_{YB}	153, 82, 170
Decimal	10048170
CIE _{Lab}	46.59, 43.63, -35.12
CIE _{LCh}	47, 56.009, 321.168
Yxy	15.7092, 0.2965, 0.1990
Android (android.graphics.Color)	4288238250 (0xFF9952AA)
YUV	113.2610, 27.9723, 34.8511
Hunter-Lab	39.6348, 36.0682, -31.8355

Details

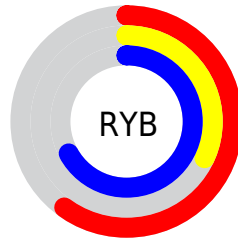
The Hex color **9952AA** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **63AA52**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **D186E2**, and **641F75** is the 20% darker color. If you saturate the color by 10%, you get **9641AA**, and if you desaturate by 10%, it is **9C63AA**.

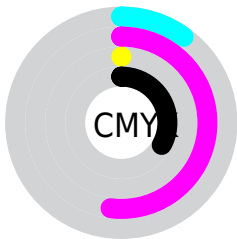
Distribution



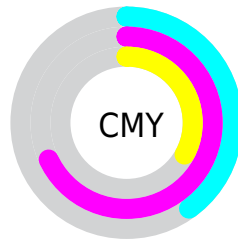
- Red (60%)
- Green (32%)
- Blue (67%)



- Red (60%)
- Yellow (32%)
- Blue (67%)



- Cyan (10%)
- Magenta (52%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (68%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9952AA 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 9952AA by changing the saturation by 10% instead.

9952AA

9952AA

FFFFFF

7E398F

D186E2

641F75

EEA1FF

4A005C

FFBDFE

310044

FFD9FF

1A002E

FFF6FF

000118

000000

9952AA

9952AA

9641AA

9C63AA

9230AA

A074AA

8F1FAA

A385AA

8C0EAA

A696AA

8900AA

A9A7AA

ADB8AA

B0C9AA

B3DAAA

B7EBAA

Harmonies

Analogous

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



5068C7



9952AA



BB3F7E

Triad

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



9952AA



906700



00848F

Complementary

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



9952AA



63AA52

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.



00835E



9952AA



657600

Square

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



9952AA



B15325



247F2F



0081B7

Rectangle

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



9952AA



C23E5F



247F2F



00847F

Sweetspot

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



9952AA



D7BADE



5264AA



6C5B70



F0F0F0



707070

Same Dimension

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



9952AA



C354DE



AA5290



534C54



770094



100014

Inverse Universe

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



AA5263



DE546F



52AA6C



544C4D



94001D



140004

Previews

White Background



This preview shows how the Hex color 9952AA looks on a white background.

Color Contrast Check

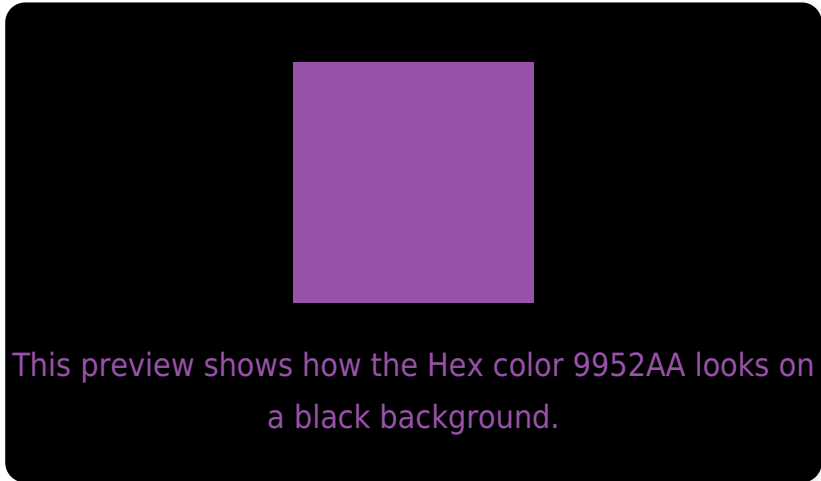
Large Text (above 18pt) WCAG AA ✓ Pass

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

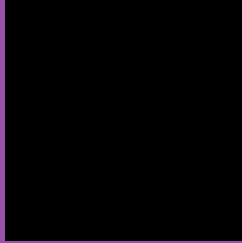
Any Text WCAG AA × Fail

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 9952AA Background



This preview shows how black text looks on a background with the Hex color 9952AA.

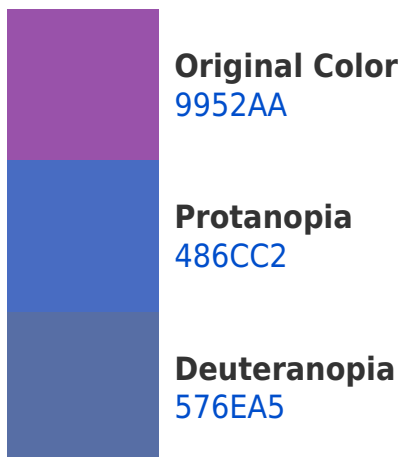


This preview shows how white text looks on a background with the Hex color 9952AA.

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](#).

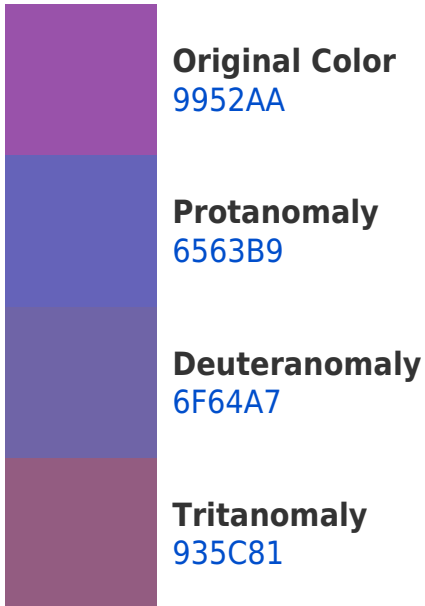
Dichromacy



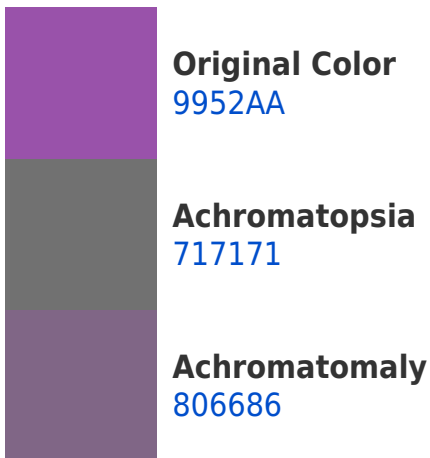


Tritanopia
906269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9952AA 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 #9952AA looks like.

```
.text, #text, p{  
    color:#9952AA  
}
```

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 #9952AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9952AA
}
```

Border

The CSS property to change the border of an element to Hex 9952AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

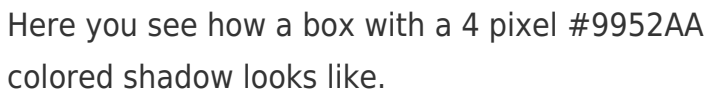
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9952AA }
```

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

```
.border{ border-color:#9952AA }
```

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



Here you see how a box with a 4 pixel #9952AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9952AA; -webkit-box-shadow:4px 4px  
4px 4px #9952AA; box-shadow:4px 4px 4px  
4px #9952AA }
```

Background

The CSS property to change the background color of an element to Hex 9952AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9952AA }
```

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

```
.background{ background-color:#9952AA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor