

Converting Colors

Hex(9922AA)

Have a look what the booklet for
Hex(9922AA) contains.

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Color

Hex(9922AA)

Conversions

Conversions Part 1

Format	Color
Hex	9922AA
RGB	153, 34, 170
RGB Percent	60%, 13%, 67%
CMY	0.4000, 0.8667, 0.3333
CMYK	0.10, 0.80, 0.00, 0.33
HSL	292°, 67%, 40%
HSV	292°, 80%, 67%
XYZ	20.9646, 10.8186, 39.0135
YIQ	85.0850, 27.2680, 67.5240

Conversions

Conversions Part 2

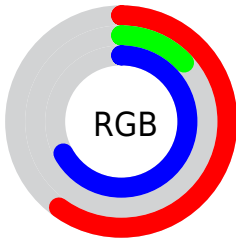
Format	Color
R_{YB}	153, 34, 170
Decimal	10035882
CIE _{Lab}	39.27, 63.85, -46.75
CIE _{LCh}	39, 79.141, 323.789
Yxy	10.8186, 0.2961, 0.1528
Android (android.graphics.Color)	4288225962 (0xFF9922AA)
YUV	85.0850, 41.8631, 59.5615
Hunter-Lab	32.8917, 56.2123, -47.3008

Details

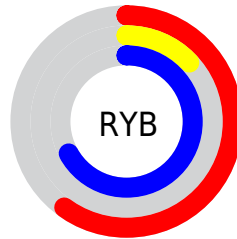
The Hex color **9922AA** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **33AA22**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **D35EE2**, and **610075** is the 20% darker color. If you saturate the color by 10%, you get **9711AA**, and if you desaturate by 10%, it is **9B33AA**.

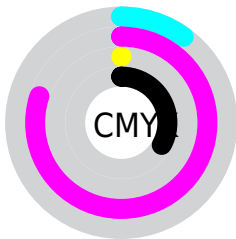
Distribution



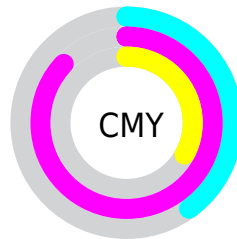
- Red (60%)
- Green (13%)
- Blue (67%)



- Red (60%)
- Yellow (13%)
- Blue (67%)



- Cyan (10%)
- Magenta (80%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (87%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9922AA 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 9922AA by changing the saturation by 10% instead.

9922AA

9922AA

FFFFFF

7D008F

D35EE2

610075

F07AFF

46005C

FF96FF

2E0044

FFB2FF

07002C

FFCFFF

000116

FFEDFF

000000

9922AA

9922AA

9711AA

9B33AA

9500AA

9D44AA

9F55AA

A166AA

A477AA

A688AA

A899AA

AAAAAA

ACBBAA

Harmonies

Analogous

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



0052D5



9922AA



C2006D

Triad

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



9922AA



7D5600



00768F

Complementary

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



9922AA



33AA22

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.



00754D



9922AA



3F6800

Square

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



9922AA



AA3300



007100



0074C5

Rectangle

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



9922AA



C70043



007100



00767A

Sweetspot

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



9922AA



D7A9DE



2234AA



6C5070



F0F0F0



707070

Same Dimension

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



9922AA



C309DE



AA2278



534C54



810094



120014

Inverse Universe

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



AA2233



DE0923



22AA54



544C4D



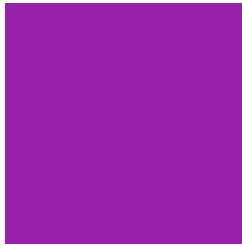
940012



140003

Previews

White Background



This preview shows how the Hex color 9922AA 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

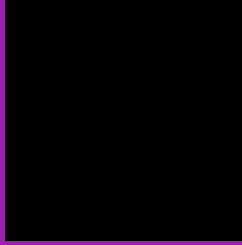
Any Text WCAG AA × Fail

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 9922AA Background



This preview shows how black text looks on a background with the Hex color 9922AA.

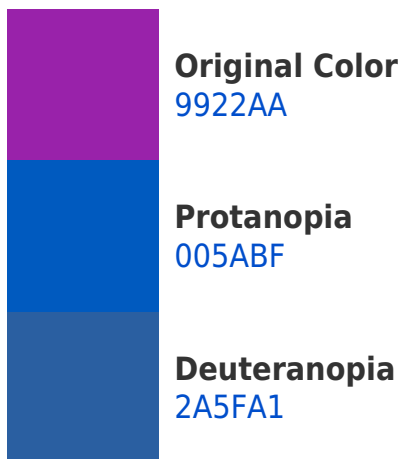



This preview shows how white text looks on a background with the Hex color 9922AA.

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
8D484D

Trichromacy



Original Color
9922AA



Protanomaly
3846B7



Deuteranomaly
5249A4



Tritanomaly
913A6F

Monochromacy



Original Color
9922AA



Achromatopsia
555555



Achromatomaly
6E4274

CSS Examples

Text

The CSS property to change the color of the text to Hex 9922AA 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 #9922AA looks like.

```
.text, #text, p{  
    color:#9922AA  
}
```

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 #9922AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9922AA
}
```

Border

The CSS property to change the border of an element to Hex 9922AA 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
#9922AA }
```

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

```
.border{ border-color:#9922AA }
```

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

Here you see how a box with a 4 pixel #9922AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9922AA; -webkit-box-shadow:4px 4px  
4px 4px #9922AA; box-shadow:4px 4px 4px  
4px #9922AA }
```

Background

The CSS property to change the background color of an element to Hex 9922AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9922AA }
```

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

```
.background{ background-color:#9922AA }
```

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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