

# Converting Colors

Hex(9443AA)

Have a look what the booklet for  
Hex(9443AA) contains.

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**Color**

**Hex(9443AA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9443AA
RGB	148, 67, 170
RGB Percent	58%, 26%, 67%
CMY	0.4196, 0.7373, 0.3333
CMYK	0.13, 0.61, 0.00, 0.33
HSL	287°, 43%, 46%
HSV	287°, 61%, 67%
XYZ	21.4756, 13.2125, 39.4486
YIQ	102.9610, 15.2130, 49.2050

# Conversions

## Conversions Part 2

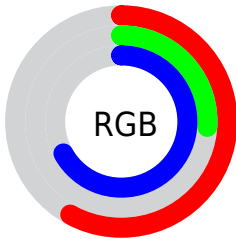
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 67, 170
Decimal	9716650
CIE <sub>Lab</sub>	43.08, 49.87, -40.71
CIE <sub>LCh</sub>	43, 64.382, 320.774
Yxy	13.2125, 0.2897, 0.1782
Android (android.graphics.Color)	4287906730 (0xFF9443AA)
YUV	102.9610, 33.0502, 39.4992
Hunter-Lab	36.3490, 41.8501, -38.9016

# Details

The Hex color **9443AA** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **59AA43**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **CC78E2**, and **5E0775** is the 20% darker color. If you saturate the color by 10%, you get **9032AA**, and if you desaturate by 10%, it is **9854AA**.

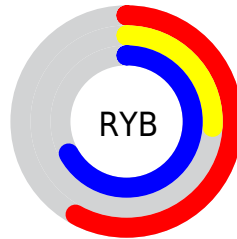
# Distribution



Red (58%)

Green (26%)

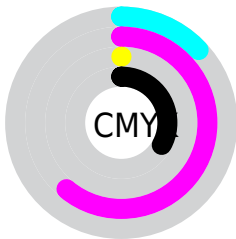
Blue (67%)



Red (58%)

Yellow (26%)

Blue (67%)

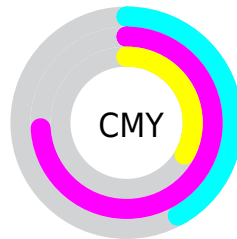


Cyan (13%)

Magenta (61%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (74%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9443AA 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 9443AA by changing the saturation by 10% instead.



 9443AA

 9443AA

FFFFFF

 79288F

 CC78E2

 5E0775

 E992FF

 44005C

 FFAEFF

 2B0044

 FFCAFF

 0C002D

 FFE7FF

 000117

 000000

 9443AA

 9443AA

 9032AA

 9854AA

8D21AA

9B65AA

8910AA

9F76AA

8600AA

A387AA

A698AA

AAA9AA

ADBAAA

B1CBAA

B5DCAA

# Harmonies

## Analogous

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



345FCB



9443AA



BB2579

# Triad

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



9443AA



895E00



007D8A

# Complementary

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



9443AA



59AA43

# 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.



007C53



9443AA



596E00

# Square

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



9443AA



AE450D



007719



007AB8

# Rectangle

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



9443AA



C22155



007719



007D78



# Sweetspot

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



9443AA



D5B6DE



4359AA



6B5870



F0F0F0



707070



# Same Dimension

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



9443AA



BB3CDE



AA438D



524C54



740094



100014



# Inverse Universe

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



AA4359



DE3C5E



43AA60



544C4E



940020



140004



# Previews

## White Background



This preview shows how the Hex color 9443AA looks on a white background.

## Color Contrast Check

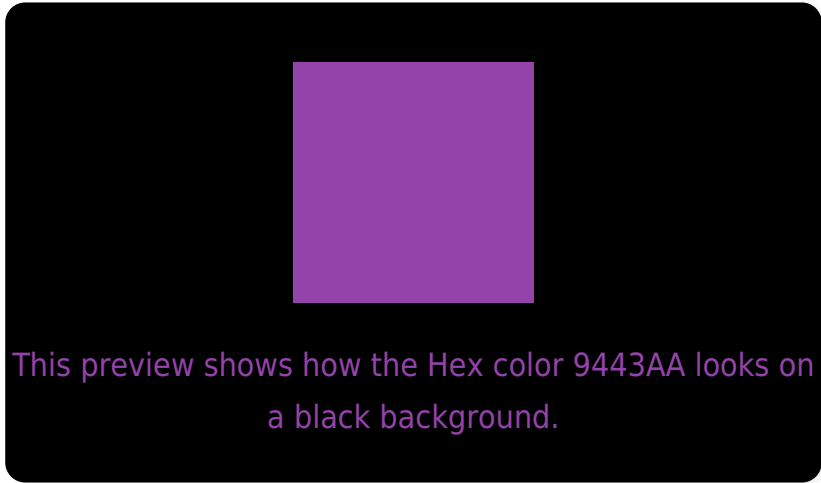
Large Text (above 18pt) WCAG AA ✓ Pass

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

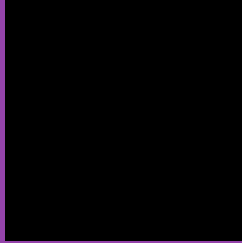
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9443AA Background



This preview shows how black text looks on a background with the Hex color 9443AA.

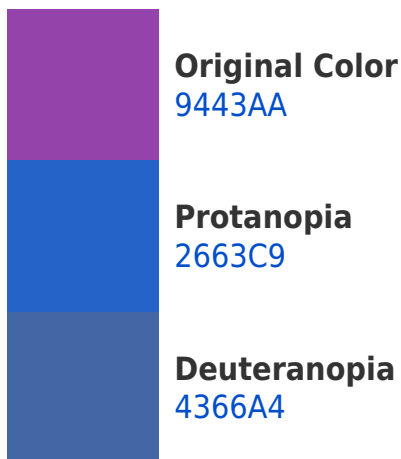


This preview shows how white text looks on a background with the Hex color 9443AA.

# 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



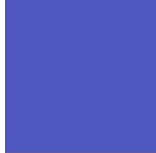


**Tritanopia**  
8A585F

# Trichromacy



**Original Color**  
9443AA



**Protanomaly**  
4E57BE



**Deuteranomaly**  
6059A6



**Tritanomaly**  
8E507A

# Monochromacy



**Original Color**  
9443AA



**Achromatopsia**  
676767



**Achromatomaly**  
775A7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9443AA 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 #9443AA looks like.

```
.text, #text, p{  
    color:#9443AA  
}
```

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 #9443AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9443AA
}
```

## Border

The CSS property to change the border of an element to Hex 9443AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

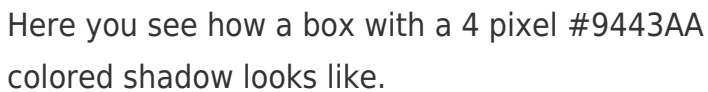
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9443AA }
```

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

```
.border{ border-color:#9443AA }
```

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



Here you see how a box with a 4 pixel #9443AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9443AA; -webkit-box-shadow:4px 4px  
4px 4px #9443AA; box-shadow:4px 4px 4px  
4px #9443AA }
```

# Background

The CSS property to change the background color of an element to Hex 9443AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9443AA }
```

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

```
.background{ background-color:#9443AA }
```

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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