

Converting Colors

Hex(944AAB)

Have a look what the booklet for
Hex(944AAB) contains.

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Color

Hex(944AAB)

Conversions

Conversions Part 1

Format	Color
Hex	944AAB
RGB	148, 74, 171
RGB Percent	58%, 29%, 67%
CMY	0.4196, 0.7098, 0.3294
CMYK	0.13, 0.57, 0.00, 0.33
HSL	286°, 40%, 48%
HSV	286°, 57%, 67%
XYZ	22.0122, 14.1337, 40.0960
YIQ	107.1840, 12.9670, 45.8550

Conversions

Conversions Part 2

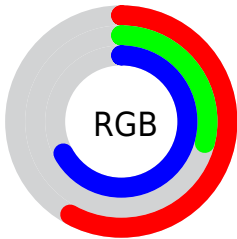
Format	Color
R_{YB}	148, 74, 171
Decimal	9718443
CIE _{Lab}	44.42, 46.60, -39.17
CIE _{LCh}	44, 60.881, 319.950
Yxy	14.1337, 0.2887, 0.1854
Android (android.graphics.Color)	4287908523 (0xFF944AAB)
YUV	107.1840, 31.4613, 35.7956
Hunter-Lab	37.5949, 38.7227, -36.9181

Details

The Hex color **944AAB** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **61AB4A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **CC7EE3**, and **5E1576** is the 20% darker color. If you saturate the color by 10%, you get **9039AB**, and if you desaturate by 10%, it is **985BAB**.

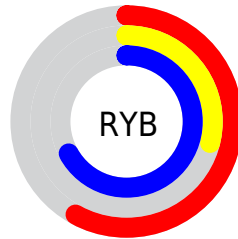
Distribution



Red (58%)

Green (29%)

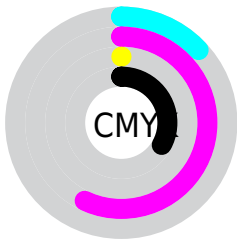
Blue (67%)



Red (58%)

Yellow (29%)

Blue (67%)

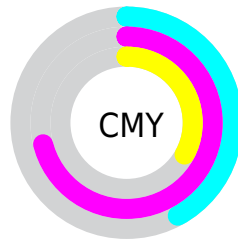


Cyan (13%)

Magenta (57%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (71%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 944AAB 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 944AAB by changing the saturation by 10% instead.

944AAB

944AAB

FFFFFF

793090

CC7EE3

5E1576

E999FF

44005D

FFB4FF

2C0045

FFD1FF

10002E

FFEDFF

000118

000000

944AAB

944AAB

9039AB

985BAB

8C28AB

9C6CAB

8817AB

A07DAB

8406AB

A48EAB

8200AB

A89FAB

ACB1AB

B0C2AB

B4D3AB

B8E4AB

Harmonies

Analogous

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



3C63C9



944AAB



BA327C

Triad

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



944AAB



8D6100



00808A

Complementary

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



944AAB



61AB4A

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.



007E56



944AAB



5F7100

Square

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



944AAB



B04A19



107A21



007DB6

Rectangle

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



944AAB



C22E5A



107A21



008079

Sweetspot

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



944AAB



D5B8DE



4A62AB



6B5A70



F0F0F0



707070

Same Dimension

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



944AAB



BA47DE



AB4A93



554E57



730096



120017

Inverse Universe

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



AB4A61



DE476B



4AAB62



574E50



960024



170005

Previews

White Background



This preview shows how the Hex color 944AAB looks on a white background.

Color Contrast Check

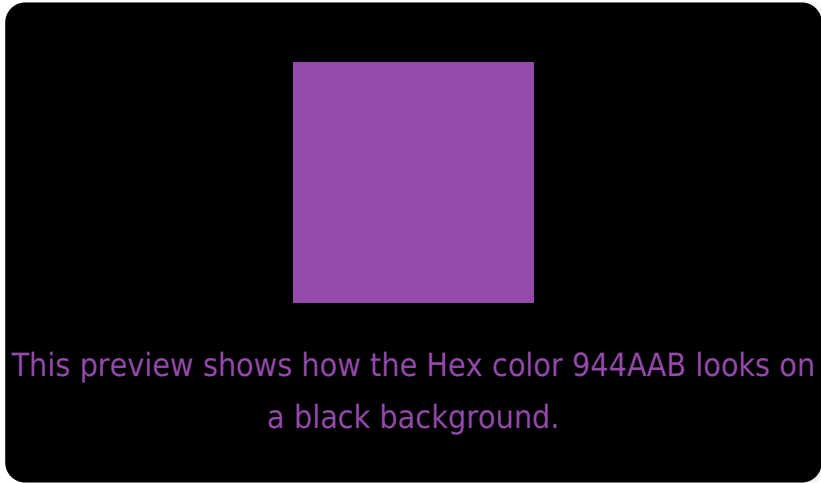
Large Text (above 18pt) WCAG AA ✓ Pass

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

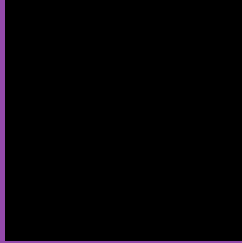
Any Text WCAG AA × Fail

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 944AAB Background



This preview shows how black text looks on a background with the Hex color 944AAB.

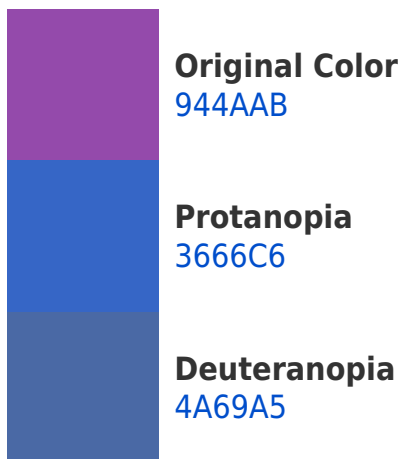


This preview shows how white text looks on a background with the Hex color 944AAB.

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](#).

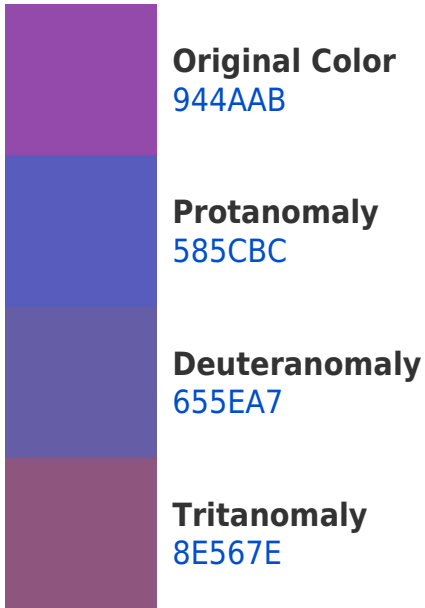
Dichromacy



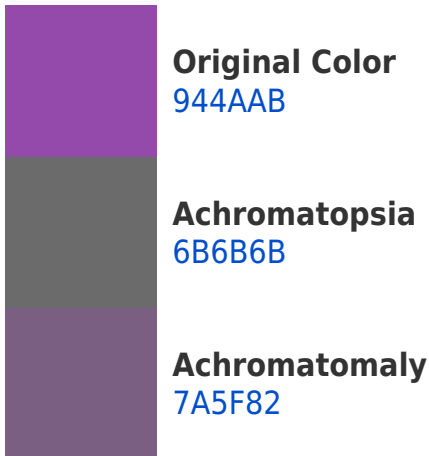


Tritanopia
8A5D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 944AAB 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 #944AAB looks like.

```
.text, #text, p{  
    color:#944AAB  
}
```

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 #944AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944AAB
}
```

Border

The CSS property to change the border of an element to Hex 944AAB 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
#944AAB }
```

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

```
.border{ border-color:#944AAB }
```

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

Here you see how a box with a 4 pixel #944AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944AAB; -webkit-box-shadow:4px 4px  
4px 4px #944AAB; box-shadow:4px 4px 4px  
4px #944AAB }
```

Background

The CSS property to change the background color of an element to Hex 944AAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944AAB }
```

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

```
.background{ background-color:#944AAB }
```

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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