

Converting Colors

Hex(8949A0)

Have a look what the booklet for
Hex(8949A0) contains.

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Color

Hex(8949A0)

Conversions

Conversions Part 1

Format	Color
Hex	8949A0
RGB	137, 73, 160
RGB Percent	54%, 29%, 63%
CMY	0.4627, 0.7137, 0.3725
CMYK	0.14, 0.54, 0.00, 0.37
HSL	284°, 37%, 46%
HSV	284°, 54%, 63%
XYZ	19.0442, 12.6215, 34.6902
YIQ	102.0540, 10.2170, 40.6250

Conversions

Conversions Part 2

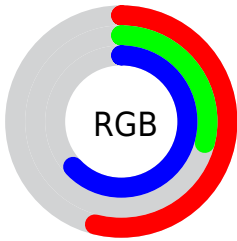
Format	Color
R_{YB}	137, 73, 160
Decimal	8997280
CIE _{Lab}	42.19, 41.77, -36.28
CIE _{LCh}	42, 55.325, 319.029
Yxy	12.6215, 0.2870, 0.1902
Android (android.graphics.Color)	4287187360 (0xFF8949A0)
YUV	102.0540, 28.5674, 30.6476
Hunter-Lab	35.5268, 33.5136, -33.0250

Details

The Hex color **8949A0** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **60A049**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **C07CD7**, and **54166C** is the 20% darker color. If you saturate the color by 10%, you get **8539A0**, and if you desaturate by 10%, it is **8D59A0**.

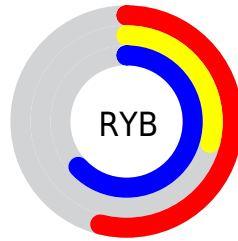
Distribution



Red (54%)

Green (29%)

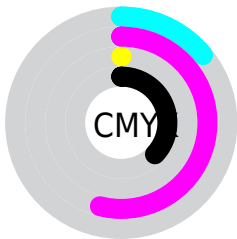
Blue (63%)



Red (54%)

Yellow (29%)

Blue (63%)

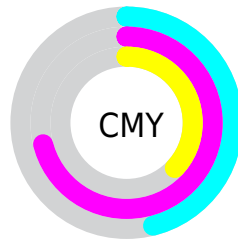


Cyan (14%)

Magenta (54%)

Yellow (0%)

Black (37%)



Cyan (46%)

Magenta (71%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8949A0 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 8949A0 by changing the saturation by 10% instead.

8949A0

8949A0

FFFFFF

6E3086

C07CD7

54166C

DD97F4

3B0053

FAB2FF

24003C

FFCEFF

000025

FFEBFF

00010D

000000

8949A0

8949A0

8539A0

8D59A0

8129A0

9169A0

7C19A0

9679A0

7809A0

9A89A0

7600A0

9E99A0

A2A9A0

A7B9A0

ABC9A0

AFD9A0

Harmonies

Analogous

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



3B5FBA



8949A0



AC3576

Triad

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



8949A0



865B00



007880

Complementary

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



8949A0



60A049

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.



007751



8949A0



5D6A00

Square

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



8949A0



A5471E



1E7322



0076A8

Rectangle

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



8949A0



B43158



1E7322



007871

Sweetspot

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



8949A0



C8B0D1



4960A0



635569



E8E8E8



696969

Same Dimension

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



8949A0



AD49D1



A0498C



4D474F



69008F



0B000F

Inverse Universe

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



A04960



D1496D



49A05D



4F4749



8F0026



0F0004

Previews

White Background



This preview shows how the Hex color 8949A0 looks on a white background.

Color Contrast Check

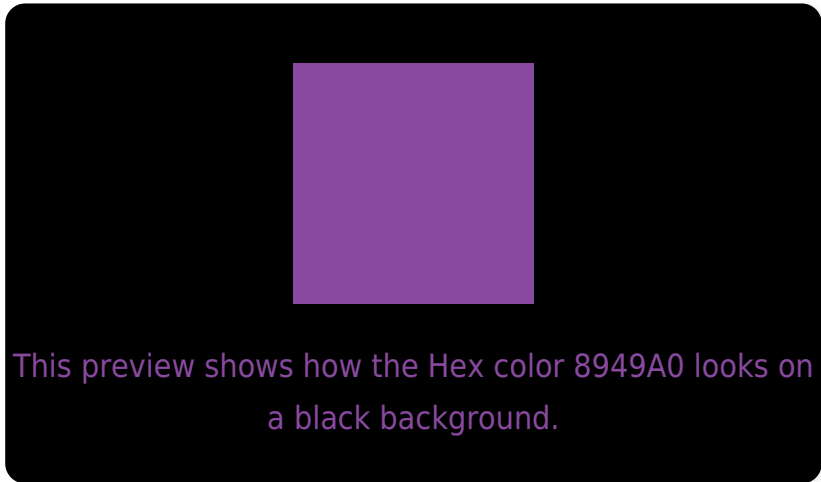
Large Text (above 18pt) WCAG AA ✓ Pass

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

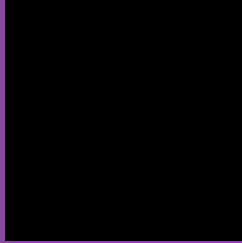
Any Text WCAG AA × Fail

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 8949A0 Background



This preview shows how black text looks on a background with the Hex color 8949A0.

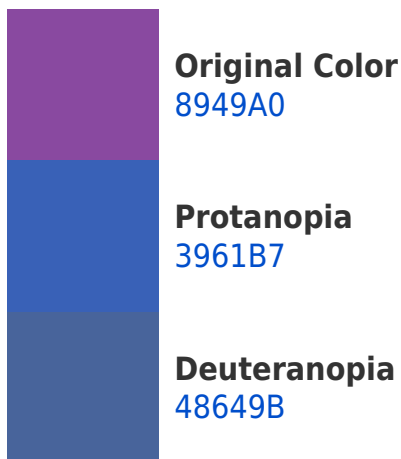


This preview shows how white text looks on a background with the Hex color 8949A0.

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
805960

Trichromacy



Original Color
8949A0



Protanomaly
5658AF



Deuteranomaly
605A9D



Tritanomaly
835377

Monochromacy



Original Color
8949A0



Achromatopsia
666666



Achromatomaly
735B7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 8949A0 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 #8949A0 looks like.

```
.text, #text, p{  
    color:#8949A0  
}
```

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 #8949A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8949A0
}
```

Border

The CSS property to change the border of an element to Hex 8949A0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

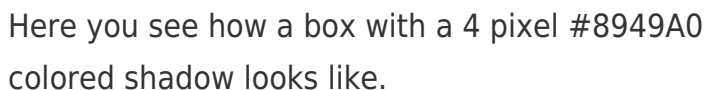
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8949A0 }
```

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

```
.border{ border-color:#8949A0 }
```

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



Here you see how a box with a 4 pixel #8949A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8949A0; -webkit-box-shadow:4px 4px  
4px 4px #8949A0; box-shadow:4px 4px 4px  
4px #8949A0 }
```

Background

The CSS property to change the background color of an element to Hex 8949A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8949A0 }
```

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

```
.background{ background-color:#8949A0 }
```

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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