

Converting Colors

Hex(904B8A)

Have a look what the booklet for
Hex(904B8A) contains.

Hex(904B8A)	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(904B8A)

Conversions

Conversions Part 1

Format	Color
Hex	904B8A
RGB	144, 75, 138
RGB Percent	56%, 29%, 54%
CMY	0.4353, 0.7059, 0.4588
CMYK	0.00, 0.48, 0.04, 0.44
HSL	305°, 32%, 43%
HSV	305°, 48%, 56%
XYZ	18.6051, 12.7964, 25.5341
YIQ	102.8130, 20.9010, 34.2210

Conversions

Conversions Part 2

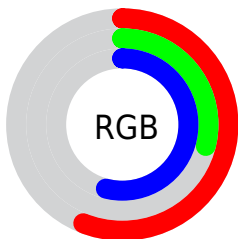
Format	Color
RYB	144, 75, 138
Decimal	9456522
CIELab	42.45, 38.35, -22.55
CIELCh	42, 44.491, 329.546
Yxy	12.7964, 0.3268, 0.2248
Android (android.graphics.Color)	4287646602 (0xFF904B8A)
YUV	102.8130, 17.3472, 36.1210
Hunter-Lab	35.7721, 30.2370, -17.2807

Details

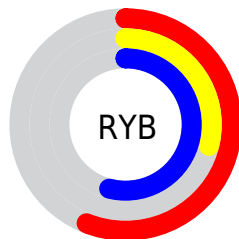
The Hex color **904B8A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4B9051**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **C77EC0**, and **5C1958** is the 20% darker color. If you saturate the color by 10%, you get **903D89**, and if you desaturate by 10%, it is **90598B**.

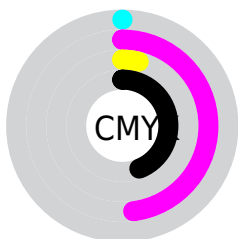
Distribution



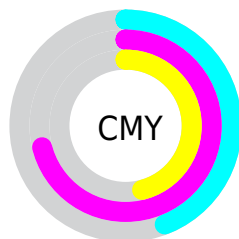
- Red (56%)
- Green (29%)
- Blue (54%)



- Red (56%)
- Yellow (29%)
- Blue (54%)



- Cyan (0%)
- Magenta (48%)
- Yellow (4%)
- Black (44%)



- Cyan (44%)
- Magenta (71%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 904B8A 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 904B8A by changing the saturation by 10% instead.

904B8A

904B8A

FFFFFF

753270

C77EC0

5C1958

E499DC

420040

FFB4F8

2C002A

FFD0FF

040014

FFEDFF

000000

904B8A

904B8A

903D89

90598B

902E87

90688D

902086

90768E

901185

90858F

900384

909390

900083

90A192

90B093

90BE94

90CD95

Harmonies

Analogous

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



635BA4



904B8A



A54266

Triad

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



904B8A



786213



007587

Complementary

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



904B8A



4B9051

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.



007662



904B8A



536D1F

Square

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



904B8A



945424



1B733D



0071A3

Rectangle

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



904B8A



A7434E



1B733D



00767C

Sweetspot

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



904B8A



BAA0B8



514B90



5E4E5D



DEDEDE



5E5E5E

Same Dimension

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



904B8A



BA4EB1



904B68



474047



87007B



080007

Inverse Universe

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



904B8A



BA4EB1



4B9073



474047



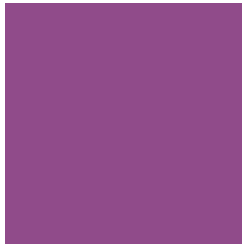
87007B



080007

Previews

White Background



This preview shows how the Hex color 904B8A looks on a white background.

Color Contrast Check

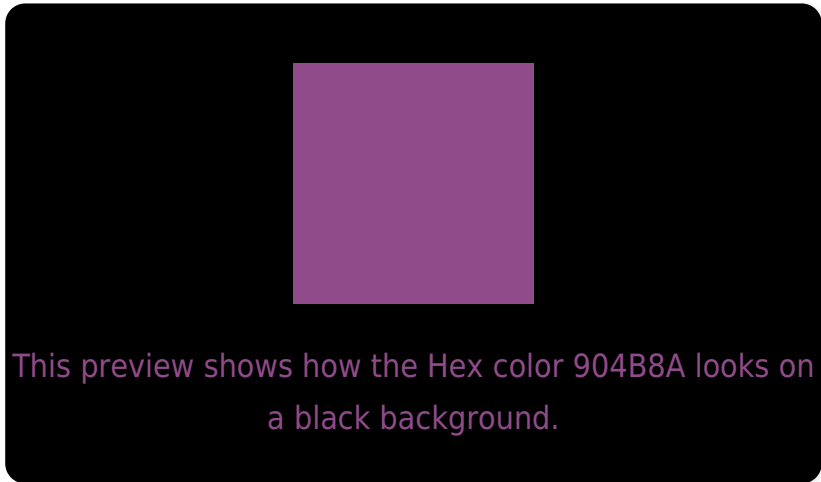
Large Text (above 18pt) WCAG AA ✓ Pass

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

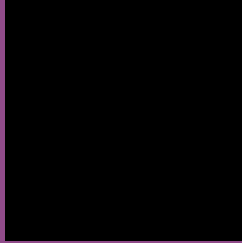
Any Text WCAG AA × Fail

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 904B8A Background



This preview shows how black text looks on a background with the Hex color 904B8A.

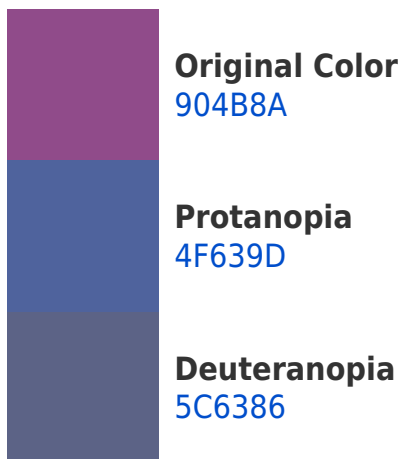



This preview shows how white text looks on a background with the Hex color 904B8A.

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
8A565C

Trichromacy



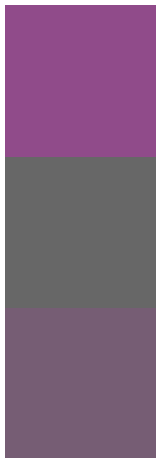
Original Color
904B8A

Protanomaly
675A96

Deuteranomaly
6F5A87

Tritanomaly
8C526D

Monochromacy



Original Color
904B8A

Achromatopsia
676767

Achromatomaly
765D74

CSS Examples

Text

The CSS property to change the color of the text to Hex 904B8A 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 #904B8A looks like.

```
.text, #text, p{  
  color:#904B8A  
}
```

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 #904B8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #904B8A
}
```

Border

The CSS property to change the border of an element to Hex 904B8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

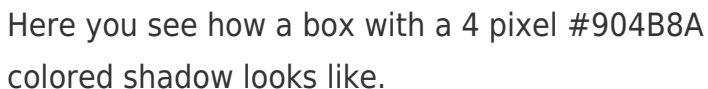
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#904B8A }
```

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

```
.border{ border-color:#904B8A }
```

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



Here you see how a box with a 4 pixel #904B8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #904B8A; -webkit-box-shadow:4px 4px  
4px 4px #904B8A; box-shadow:4px 4px 4px  
4px #904B8A }
```

Background

The CSS property to change the background color of an element to Hex 904B8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#904B8A }
```

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

```
.background{ background-color:#904B8A }
```

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