

# Converting Colors

Hex(903AF8)

Have a look what the booklet for  
Hex(903AF8) contains.

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**Color**

**Hex(903AF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	903AF8
RGB	144, 58, 248
RGB Percent	56%, 23%, 97%
CMY	0.4353, 0.7725, 0.0275
CMYK	0.42, 0.77, 0.00, 0.03
HSL	267°, 93%, 60%
HSV	267°, 77%, 97%
XYZ	29.9579, 15.7327, 90.2647
YIQ	105.3740, -9.7340, 77.3220

# Conversions

## Conversions Part 2

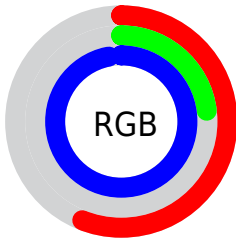
Format	Color
<a href="#">RYB</a>	<a href="#">144, 58, 248</a>
Decimal	<a href="#">9452280</a>
CIELab	<a href="#">46.62, 70.35, -79.91</a>
CIElCh	<a href="#">47, 106.467, 311.359</a>
Yxy	<a href="#">15.7327, 0.2204, 0.1157</a>
Android (android.graphics.Color)	<a href="#">4287642360 (0xFF903AF8)</a>
YUV	<a href="#">105.3740, 70.3146, 33.8750</a>
Hunter-Lab	<a href="#">39.6645, 65.4053, -107.1614</a>

# Details

The Hex color **903AF8** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **A2F83A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **CD72FF**, and **5100BE** is the 20% darker color. If you saturate the color by 10%, you get **8221F8**, and if you desaturate by 10%, it is **9E53F8**.

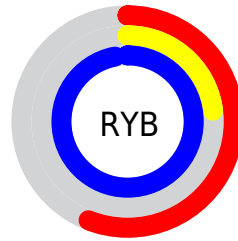
# Distribution



Red (56%)

Green (23%)

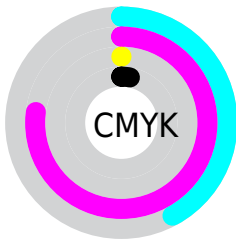
Blue (97%)



Red (56%)

Yellow (23%)

Blue (97%)

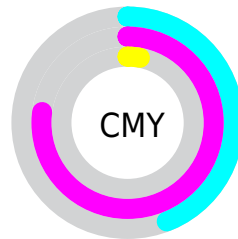


Cyan (42%)

Magenta (77%)

Yellow (0%)

Black (3%)



Cyan (44%)

Magenta (77%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 903AF8 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 903AF8 by changing the saturation by 10% instead.



 903AF8

 903AF8

FFFFFF

 7119DB

 CD72FF

 5100BE

 EC8EFF

 2D00A2

 FFAAFF

 000087

 FFC7FF

 00006D

 FFE4FF

 000153

 00063B

 000224

 00000C

■ 903AF8

■ 903AF8

■ 8221F8

■ 9E53F8

■ 7508F8

■ AB6CF8

■ 7000F8

■ B984F8

■ C69DF8

■ D4B6F8

■ E1CFF8

■ EFE8F8

■ FDFFF8

■ FFFFF8

# Harmonies

## Analogous

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



0072FF



903AF8



EA00AA

# Triad

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



903AF8



B35400



008F90

# Complementary

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



903AF8



A2F83A

# 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.



008C2F



903AF8



687600

# Square

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



903AF8



E80000



008600



008FE5

# Rectangle

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



903AF8



FE006F



008600



008E71



# Sweetspot

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



903AF8



DFC4FF



3AA3F8



6C5C80



000000



808080



# Same Dimension

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



903AF8



7F14FF



EE3AF8



76707D



5500BD



1C003D



# Inverse Universe

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



F83AA2



FF1495



43F83A



7D7077



BD0067

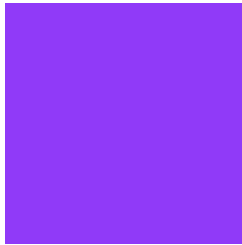


3D0021



# Previews

## White Background



This preview shows how the Hex color 903AF8 looks on a white background.

## Color Contrast Check

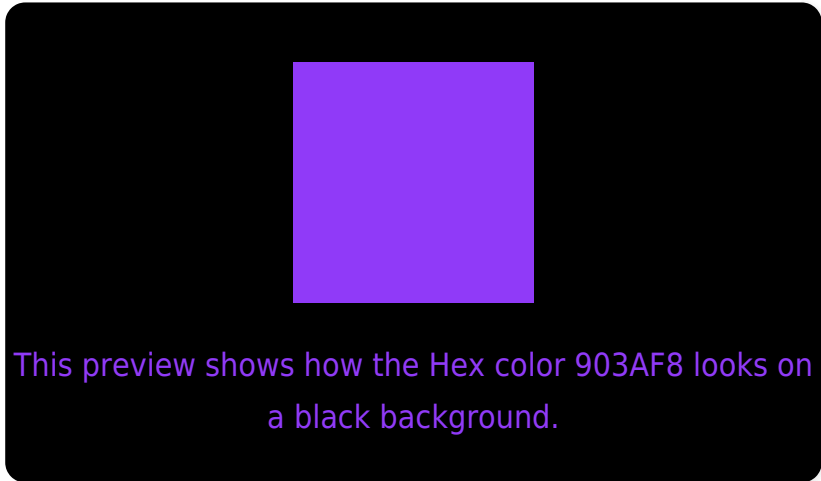
Large Text (above 18pt) WCAG AA ✓ Pass

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

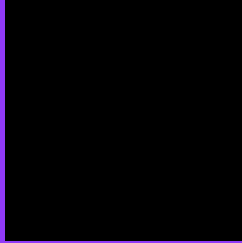
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 903AF8 Background



This preview shows how black text looks on a background with the Hex color 903AF8.

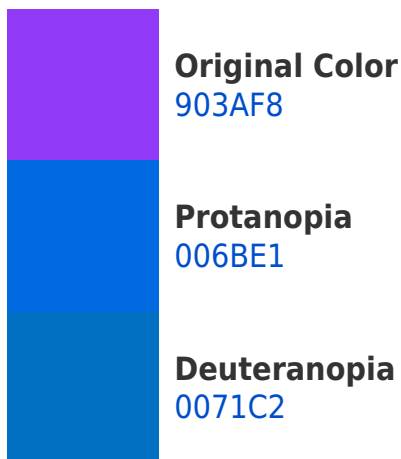


This preview shows how white text looks on a background with the Hex color 903AF8.

# 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](#).

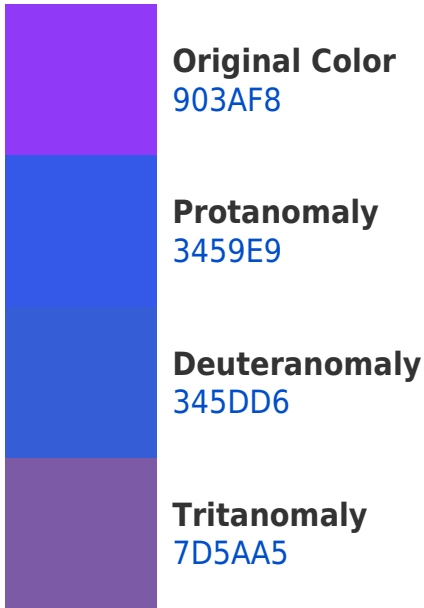
## Dichromacy



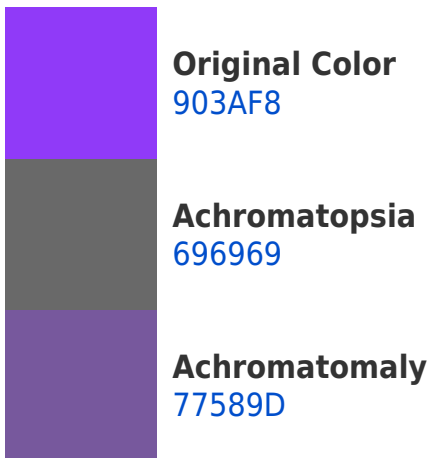


**Tritanopia**  
726C75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 903AF8 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 #903AF8 looks like.

```
.text, #text, p{  
    color:#903AF8  
}
```

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 #903AF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #903AF8
}
```

## Border

The CSS property to change the border of an element to Hex 903AF8 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
#903AF8 }
```

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

```
.border{ border-color:#903AF8 }
```

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

Here you see how a box with a 4 pixel #903AF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #903AF8; -webkit-box-shadow:4px 4px  
4px 4px #903AF8; box-shadow:4px 4px 4px  
4px #903AF8 }
```

# Background

The CSS property to change the background color of an element to Hex 903AF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#903AF8 }
```

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

```
.background{ background-color:#903AF8 }
```

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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