

# Converting Colors

Hex(974BA0)

Have a look what the booklet for  
Hex(974BA0) contains.

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# Color

**Hex(974BA0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	974BA0
RGB	151, 75, 160
RGB Percent	59%, 29%, 63%
CMY	0.4078, 0.7059, 0.3725
CMYK	0.06, 0.53, 0.00, 0.37
HSL	294°, 36%, 46%
HSV	294°, 53%, 63%
XYZ	21.6237, 14.1495, 34.8491
YIQ	107.4140, 18.0110, 42.5470

# Conversions

## Conversions Part 2

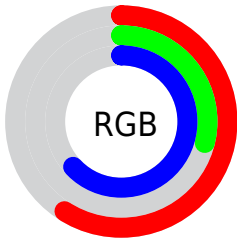
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 75, 160
Decimal	9915296
CIE <sub>Lab</sub>	44.45, 44.69, -32.59
CIE <sub>LCh</sub>	44, 55.309, 323.900
Yxy	14.1495, 0.3062, 0.2004
Android (android.graphics.Color)	4288105376 (0xFF974BA0)
YUV	107.4140, 25.9249, 38.2249
Hunter-Lab	37.6159, 36.7842, -28.5980

# Details

The Hex color **974BA0** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **54A04B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **CF7FD7**, and **62166C** is the 20% darker color. If you saturate the color by 10%, you get **953BA0**, and if you desaturate by 10%, it is **995BA0**.

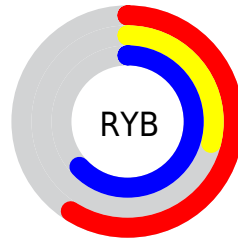
# Distribution



Red (59%)

Green (29%)

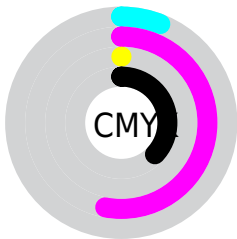
Blue (63%)



Red (59%)

Yellow (29%)

Blue (63%)

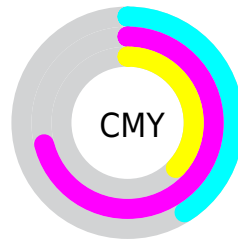


Cyan (6%)

Magenta (53%)

Yellow (0%)

Black (37%)



Cyan (41%)

Magenta (71%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 974BA0 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 974BA0 by changing the saturation by 10% instead.



 974BA0

 974BA0

FFFFFF

 7C3186

 CF7FD7

 62166C

 EC9AF4

 480053

 FFB5FF

 2F003C

 FFD2FF

 150025

 FFEEFF

 00010E

 000000

 974BA0

 974BA0

 953BA0

 995BA0

 942BA0

 9A6BA0

 921BA0

 9C7BA0

 900BA0

 9E8BA0

 8F00A0

 9F9BA0

 A1ABA0

 A3BBA0

 A5CBA0

 A6DBA0

# Harmonies

## Analogous

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



5461BE



974BA0



B63975

# Triad

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



974BA0



876400



007E8D

# Complementary

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



974BA0



54A04B

# 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.



007D5E



974BA0



5B7200

# Square

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



974BA0



A7501D



107A2F



007BB3

# Rectangle

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



974BA0



BB3956



107A2F



007E7E



# Sweetspot

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



974BA0



CEB0D1



4B55A0



665569



E8E8E8



696969



# Same Dimension

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



974BA0



C34BD1



A04B7F



4E474F



80008F



0E000F



# Inverse Universe

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



A04B54



D14B59



4BA06C



4F4748



8F000F

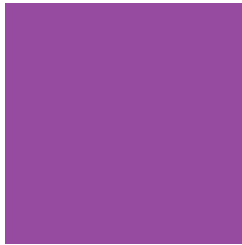


0F0002



# Previews

## White Background



This preview shows how the Hex color 974BA0 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

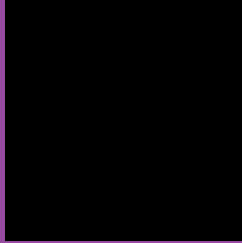
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 974BA0 Background



This preview shows how black text looks on a background with the Hex color 974BA0.

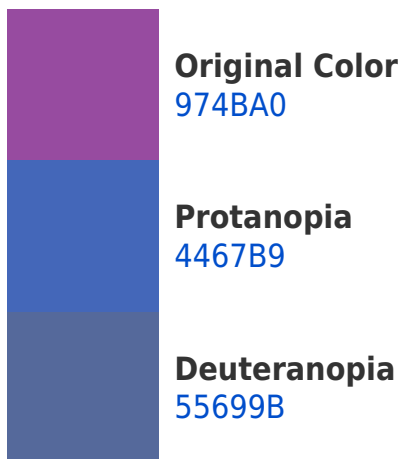


This preview shows how white text looks on a background with the Hex color 974BA0.

# 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](#).

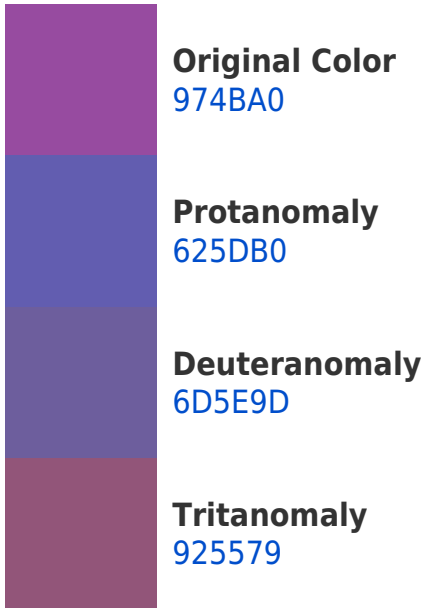
## Dichromacy



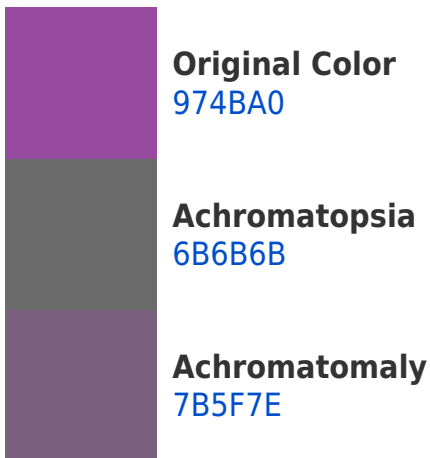


**Tritanopia**  
8F5B62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 974BA0 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 #974BA0 looks like.

```
.text, #text, p{  
    color:#974BA0  
}
```

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 #974BA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #974BA0
}
```

## Border

The CSS property to change the border of an element to Hex 974BA0 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
#974BA0 }
```

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

```
.border{ border-color:#974BA0 }
```

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

Here you see how a box with a 4 pixel #974BA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #974BA0; -webkit-box-shadow:4px 4px  
4px 4px #974BA0; box-shadow:4px 4px 4px  
4px #974BA0 }
```

# Background

The CSS property to change the background color of an element to Hex 974BA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#974BA0 }
```

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

```
.background{ background-color:#974BA0 }
```

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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