

# Converting Colors

Hex(924DA9)

Have a look what the booklet for  
Hex(924DA9) contains.

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# Color

**Hex(924DA9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	924DA9
RGB	146, 77, 169
RGB Percent	57%, 30%, 66%
CMY	0.4275, 0.6980, 0.3373
CMYK	0.14, 0.54, 0.00, 0.34
HSL	285°, 37%, 48%
HSV	285°, 54%, 66%
XYZ	21.6694, 14.2833, 39.1510
YIQ	108.1190, 11.5920, 43.2400

# Conversions

## Conversions Part 2

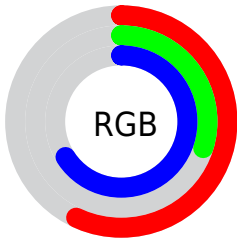
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 77, 169
Decimal	9588137
CIE <sub>Lab</sub>	44.64, 44.09, -37.67
CIE <sub>LCh</sub>	45, 57.989, 319.484
Yxy	14.2833, 0.2885, 0.1902
Android (android.graphics.Color)	4287778217 (0xFF924DA9)
YUV	108.1190, 30.0143, 33.2216
Hunter-Lab	37.7933, 36.2075, -34.9646

# Details

The Hex color **924DA9** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **64A94D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **CA81E1**, and **5D1A74** is the 20% darker color. If you saturate the color by 10%, you get **8E3CA9**, and if you desaturate by 10%, it is **965EA9**.

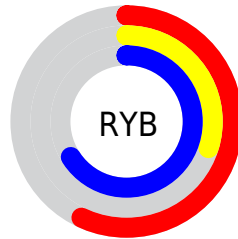
# Distribution



Red (57%)

Green (30%)

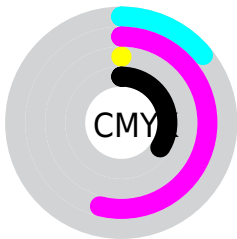
Blue (66%)



Red (57%)

Yellow (30%)

Blue (66%)

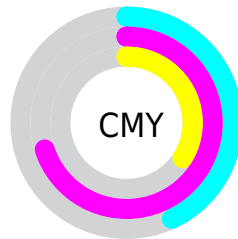


Cyan (14%)

Magenta (54%)

Yellow (0%)

Black (34%)



Cyan (43%)

Magenta (70%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 924DA9 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 924DA9 by changing the saturation by 10% instead.



924DA9

924DA9

FFFFFF

77348E

CA81E1

5D1A74

E79CFE

43005B

FFB7FF

2A0043

FFD3FF

0F002C

FFF0FF

000116

000000

924DA9

924DA9

8E3CA9

965EA9

8A2BA9

9A6FA9

851AA9

9F80A9

8109A9

A391A9

7F00A9

A7A1A9

ABB2A9

B0C3A9

B4D4A9

B8E5A9

# Harmonies

## Analogous

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



4064C5



924DA9



B7377D

# Triad

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



924DA9



8E6100



007F88

# Complementary

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



924DA9



64A94D

# 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



924DA9



627100

# Square

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



924DA9



AE4C1F



1E7A25



007DB2

# Rectangle

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



924DA9



BF345C



1E7A25



007F78



# Sweetspot

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



924DA9



D3B8DB



4D64A9



68596E



EDEDED



6E6E6E



# Same Dimension

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



924DA9



B84DDB



A94D92



524C54



6F0094



0F0014



# Inverse Universe

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



A94D64



DB4D70



4DA964



544C4E



940025

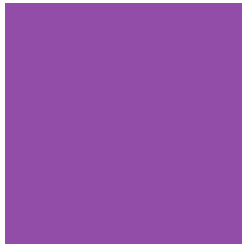


140005



# Previews

## White Background



This preview shows how the Hex color 924DA9 looks on a white background.

## Color Contrast Check

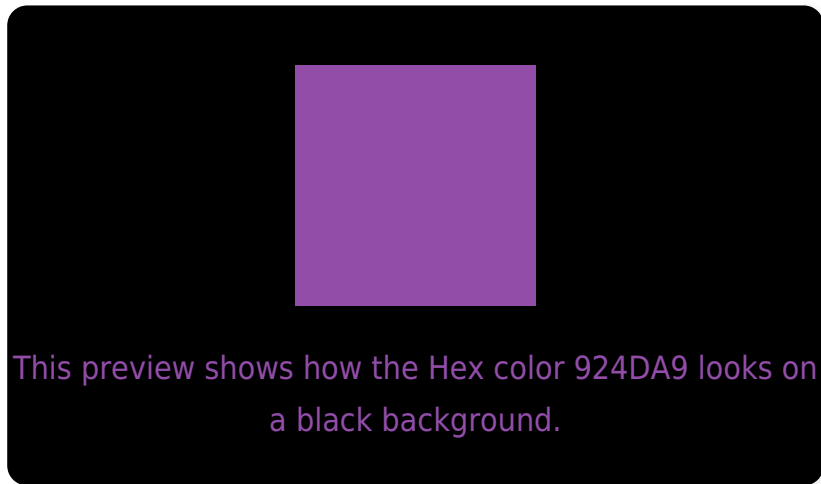
Large Text (above 18pt) WCAG AA ✓ Pass

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

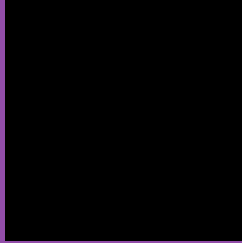
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 924DA9 Background



This preview shows how black text looks on a background with the Hex color 924DA9.

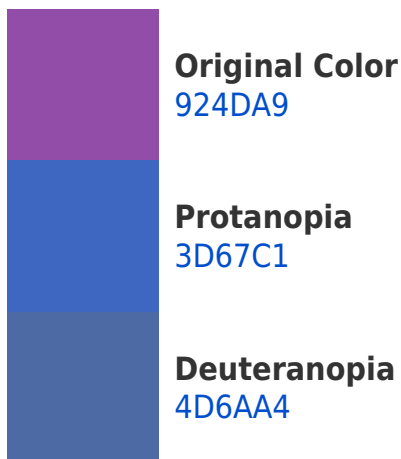


This preview shows how white text looks on a background with the Hex color 924DA9.

# 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



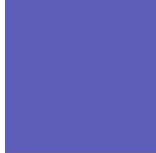


**Tritanopia**  
885E66

# Trichromacy



**Original Color**  
924DA9



**Protanomaly**  
5C5EB8



**Deuteranomaly**  
665FA6



**Tritanomaly**  
8C587E

# Monochromacy



**Original Color**  
924DA9



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
7A6182

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 924DA9 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 #924DA9 looks like.

```
.text, #text, p{  
    color:#924DA9  
}
```

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 #924DA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #924DA9
}
```

## Border

The CSS property to change the border of an element to Hex 924DA9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

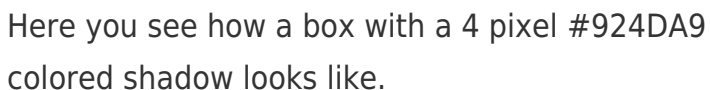
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#924DA9 }
```

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

```
.border{ border-color:#924DA9 }
```

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



Here you see how a box with a 4 pixel #924DA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #924DA9; -webkit-box-shadow:4px 4px  
4px 4px #924DA9; box-shadow:4px 4px 4px  
4px #924DA9 }
```

# Background

The CSS property to change the background color of an element to Hex 924DA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#924DA9 }
```

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

```
.background{ background-color:#924DA9 }
```

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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