

# Converting Colors

Hex(944C9D)

Have a look what the booklet for  
Hex(944C9D) contains.

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# Color

**Hex(944C9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	944C9D
RGB	148, 76, 157
RGB Percent	58%, 30%, 62%
CMY	0.4196, 0.7020, 0.3843
CMYK	0.06, 0.52, 0.00, 0.38
HSL	293°, 35%, 46%
HSV	293°, 52%, 62%
XYZ	20.8830, 13.8991, 33.4804
YIQ	106.7620, 16.9110, 40.4550

# Conversions

## Conversions Part 2

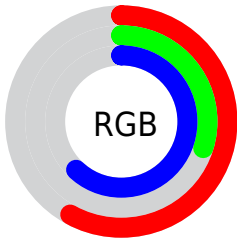
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 76, 157
Decimal	9718941
CIE <sub>Lab</sub>	44.09, 42.71, -31.39
CIE <sub>LCh</sub>	44, 53.005, 323.684
Yxy	13.8991, 0.3059, 0.2036
Android (android.graphics.Color)	4287909021 (0xFF944C9D)
YUV	106.7620, 24.7673, 36.1657
Hunter-Lab	37.2815, 34.7430, -27.1480

# Details

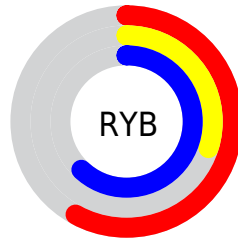
The Hex color **944C9D** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **559D4C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **CC80D4**, and **5F1869** is the 20% darker color. If you saturate the color by 10%, you get **923C9D**, and if you desaturate by 10%, it is **965C9D**.

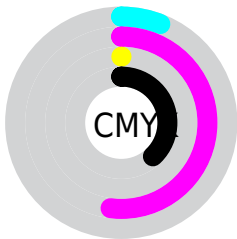
# Distribution



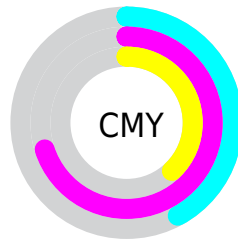
- Red (58%)
- Green (30%)
- Blue (62%)



- Red (58%)
- Yellow (30%)
- Blue (62%)



- Cyan (6%)
- Magenta (52%)
- Yellow (0%)
- Black (38%)



- Cyan (42%)
- Magenta (70%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 944C9D 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 944C9D by changing the saturation by 10% instead.



944C9D

944C9D

FFFFFF

793383

CC80D4

5F1869

E99BF0

450051

FFB6FF

2D0039

FFD2FF

110023

FFEFFF

00000A

000000

944C9D

944C9D

923C9D

965C9D

 912D9D

 976B9D

 8F1D9D

 997B9D

 8D0D9D

 9B8B9D

 8C009D

 9D9B9D

 9EAA9D

 A0BA9D

 A2CA9D

 A4D99D

# Harmonies

## Analogous

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



5561B9



944C9D



B23C73

# Triad

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



944C9D



856300



007C8A

# Complementary

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



944C9D



559D4C

# 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.



007C5D



944C9D



5C7004

# Square

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



944C9D



A55120



1A7830



0079AF

# Rectangle

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



944C9D



B73B56



1A7830



007D7C



# Sweetspot

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



944C9D



C9ADCC



4C559D



645466



E6E6E6



666666



# Same Dimension

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



944C9D



BE4ECC



9D4C7E



4E474F



7F008F



0E000F



# Inverse Universe

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



9D4C55



CC4E5C



4C9D6B



4F4748



8F0010

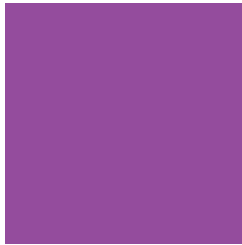


0F0002



# Previews

## White Background



This preview shows how the Hex color 944C9D looks on a white background.

## Color Contrast Check

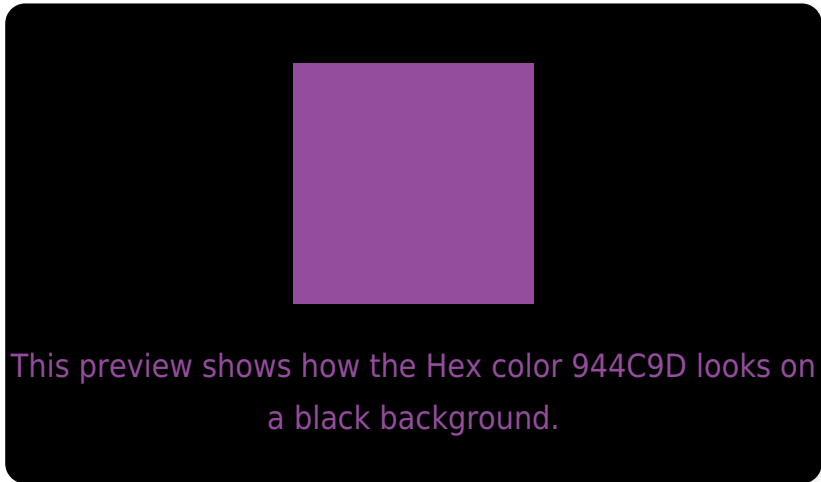
Large Text (above 18pt) WCAG AA ✓ Pass

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

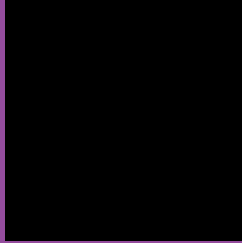
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 944C9D Background



This preview shows how black text looks on a background with the Hex color 944C9D.

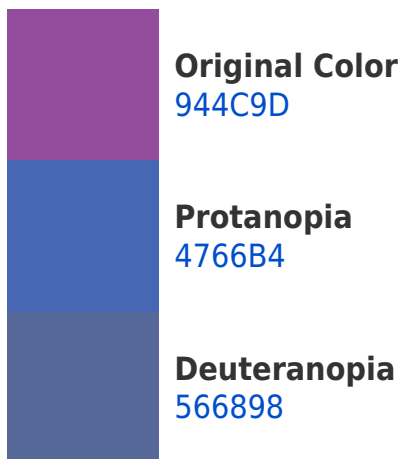


This preview shows how white text looks on a background with the Hex color 944C9D.

# 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**  
8C5B62

# Trichromacy



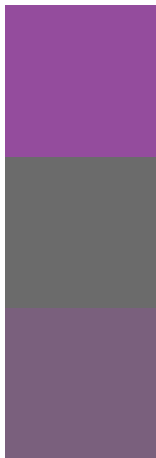
**Original Color**  
944C9D

**Protanomaly**  
635DAC

**Deuteranomaly**  
6D5E9A

**Tritanomaly**  
8F5677

# Monochromacy



**Original Color**  
944C9D

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
7A607D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 944C9D 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 #944C9D looks like.

```
.text, #text, p{  
    color:#944C9D  
}
```

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 #944C9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944C9D
}
```

## Border

The CSS property to change the border of an element to Hex 944C9D is called "border". The border property can be set on classes, ids or directly on the HTML element.

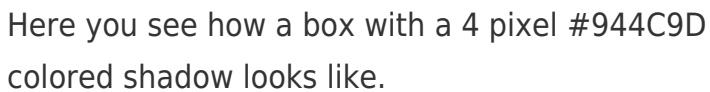
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944C9D }
```

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

```
.border{ border-color:#944C9D }
```

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



Here you see how a box with a 4 pixel #944C9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944C9D; -webkit-box-shadow:4px 4px  
4px 4px #944C9D; box-shadow:4px 4px 4px  
4px #944C9D }
```

# Background

The CSS property to change the background color of an element to Hex 944C9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944C9D }
```

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

```
.background{ background-color:#944C9D }
```

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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