

# Converting Colors

Hex(940D9A)

Have a look what the booklet for  
Hex(940D9A) contains.

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**Color**

**Hex(940D9A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	940D9A
RGB	148, 13, 154
RGB Percent	58%, 5%, 60%
CMY	0.4196, 0.9490, 0.3961
CMYK	0.04, 0.92, 0.00, 0.40
HSL	297°, 84%, 33%
HSV	297°, 92%, 60%
XYZ	18.1894, 8.9168, 31.3343
YIQ	69.4390, 35.1990, 72.4710

# Conversions

## Conversions Part 2

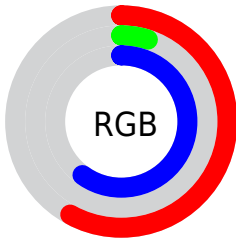
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 13, 154
Decimal	9702810
CIE <sub>Lab</sub>	35.82, 64.76, -42.69
CIE <sub>LCh</sub>	36, 77.564, 326.605
Yxy	8.9168, 0.3112, 0.1526
Android (android.graphics.Color)	4287892890 (0xFF940D9A)
YUV	69.4390, 41.6886, 68.8980
Hunter-Lab	29.8611, 56.4735, -41.3123

# Details

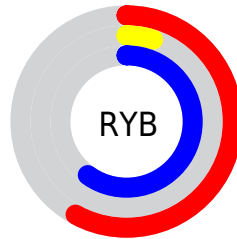
The Hex color **940D9A** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **139A0D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **CE52D1**, and **5C0066** is the 20% darker color. If you saturate the color by 10%, you get **93009A**, and if you desaturate by 10%, it is **951C9A**.

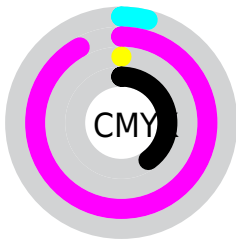
# Distribution



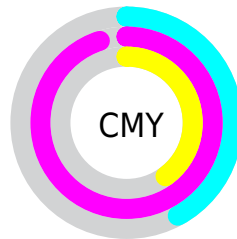
- Red (58%)
- Green (5%)
- Blue (60%)



- Red (58%)
- Yellow (5%)
- Blue (60%)



- Cyan (4%)
- Magenta (92%)
- Yellow (0%)
- Black (40%)



- Cyan (42%)
- Magenta (95%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 940D9A 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 940D9A by changing the saturation by 10% instead.



940D9A

940D9A

FFFFFF

780080

CE52D1

5C0066

EB6FEE

41004D

FF8BFF

280036

FFA7FF

00001F

FFC4FF

000002

FFE1FF

000000

940D9A

940D9A

93009A

951C9A

 952C9A

 963B9A

 974B9A

 975A9A

 98699A

 99799A

 99889A

 9A989A

# Harmonies

## Analogous

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



2147C6



940D9A



B8005E

# Triad

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



940D9A



6E5000



006C8B

# Complementary

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



940D9A



139A0D

# 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.



006B4B



940D9A



2F6000

# Square

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



940D9A



9B2F00



006800



006ABD

# Rectangle

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



940D9A



BA0036



006800



006C76



# Sweetspot

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



940D9A



C793C9



0D149A



654566



E6E6E6



666666



# Same Dimension

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



940D9A



C100C9



9A0D5B



4C454D



86008C



0C000D



# Inverse Universe

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



9A0D13



C90009



0D9A4C



4D4545



8C0006



0D0001



# Previews

## White Background



This preview shows how the Hex color 940D9A looks on a white background.

## Color Contrast Check

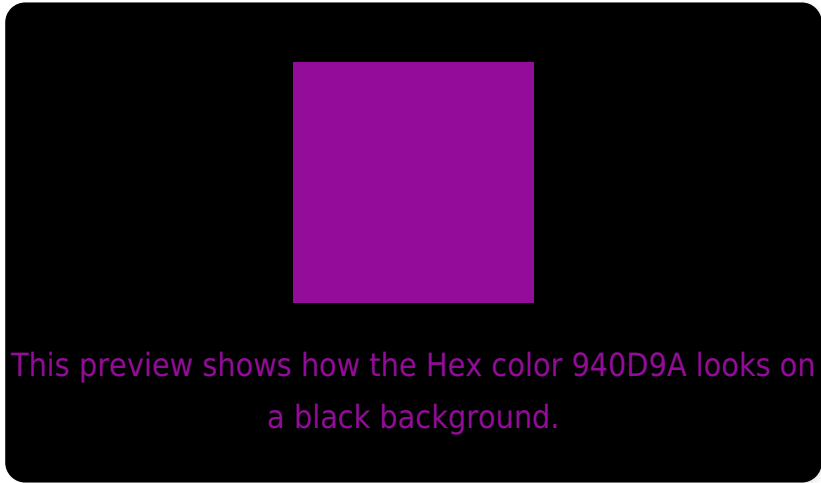
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

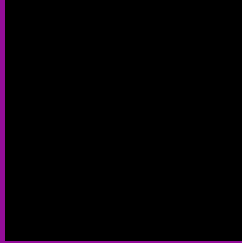
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 940D9A Background



This preview shows how black text looks on a background with the Hex color 940D9A.

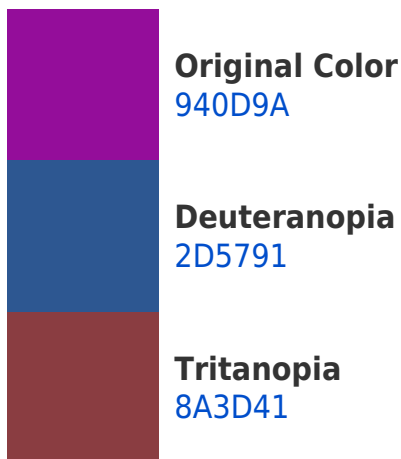


This preview shows how white text looks on a background with the Hex color 940D9A.

# 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



# Trichromacy



**Original Color**  
940D9A

**Deuteranomaly**  
523C94

**Tritanomaly**  
8E2C61

# Monochromacy



**Original Color**  
940D9A

**Achromatopsia**  
454545

**Achromatomaly**  
623164

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 940D9A 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 #940D9A looks like.

```
.text, #text, p{  
    color:#940D9A  
}
```

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 #940D9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940D9A
}
```

## Border

The CSS property to change the border of an element to Hex 940D9A is called "border". The border property can be set on classes, ids or directly on the HTML element.

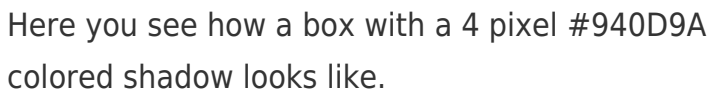
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#940D9A }
```

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

```
.border{ border-color:#940D9A }
```

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



Here you see how a box with a 4 pixel #940D9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940D9A; -webkit-box-shadow:4px 4px  
4px 4px #940D9A; box-shadow:4px 4px 4px  
4px #940D9A }
```

# Background

The CSS property to change the background color of an element to Hex 940D9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940D9A }
```

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

```
.background{ background-color:#940D9A }
```

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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