

# Converting Colors

Hex(940088)

Have a look what the booklet for  
Hex(940088) contains.

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**Color**

**Hex(940088)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	940088
RGB	148, 0, 136
RGB Percent	58%, 0%, 53%
CMY	0.4196, 1.0000, 0.4667
CMYK	0.00, 1.00, 0.08, 0.42
HSL	305°, 100%, 29%
HSV	305°, 100%, 58%
XYZ	16.6567, 8.0735, 23.9730
YIQ	59.7560, 44.5520, 73.6720

# Conversions

## Conversions Part 2

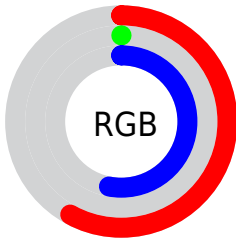
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	148, 0, 136
Decimal	9699464
CIE <sub>Lab</sub>	34.14, 63.70, -34.33
CIE <sub>LCh</sub>	34, 72.363, 331.681
Yxy	8.0735, 0.3420, 0.1658
Android (android.graphics.Color)	4287889544 (0xFF940088)
YUV	59.7560, 37.5883, 77.3900
Hunter-Lab	28.4139, 54.9154, -30.1337

# Details

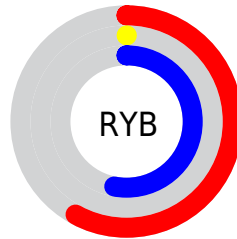
The Hex color **940088** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00940C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **CE4DBE**, and **5D0055** is the 20% darker color. If you saturate the color by 10%, you get **940088**, and if you desaturate by 10%, it is **940F89**.

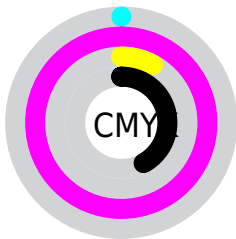
# Distribution



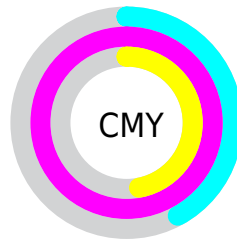
- Red (58%)
- Green (0%)
- Blue (53%)



- Red (58%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (42%)



- Cyan (42%)
- Magenta (100%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 940088 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 940088 by changing the saturation by 10% instead.



 940088

 940088

FFFFFF

 78006E

 CE4DBE

 5D0055

 EB6ADA

 42003E

 FF86F7

 280027

 FFA2FF

 000110

 FFBFFF

 000000

 FFDCCF

 FFF9FF

 940088

■ 940F89

■ 941E8A

■ 942C8C

■ 943B8D

■ 944A8E

■ 94598F

■ 946890

■ 947692

■ 948593

# Harmonies

## Analogous

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



453EB4



940088



AF0050

# Triad

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



940088



605000



00678C

# Complementary

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



940088



00940C

# 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.



006652



940088



215D00

# Square

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



940088



8C3500



006410



0064B7

# Rectangle

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



940088



AE002B



006410



00677A



# Sweetspot

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



940088



BF86BB



0A0094



613E5E



E0E0E0



616161



# Same Dimension

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



940088



BF00B0



940040



4A4349



8A007F



0A0009



# Inverse Universe

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



940088



BF00B0



009454



4A4349



8A007F



0A0009



# Previews

## White Background



This preview shows how the Hex color 940088 looks on a white background.

## Color Contrast Check

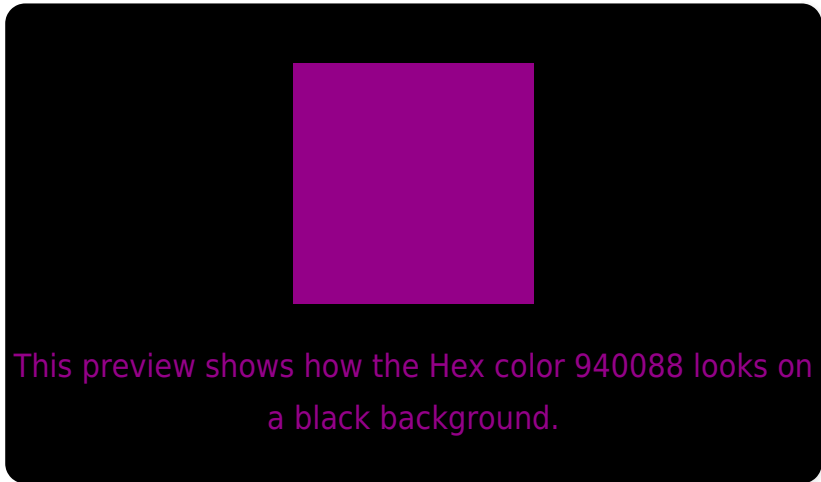
Large Text (above 18pt) WCAG AA ✓ Pass

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

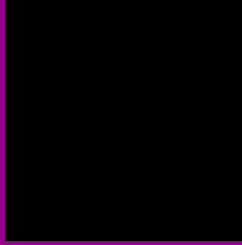
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 940088 Background



This preview shows how black text looks on a background with the Hex color 940088.



This preview shows how white text looks on a background with the Hex color 940088.

# 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**  
8C3539

# Trichromacy



**Original Color**  
940088



**Protanomaly**  
36339E



**Deuteranomaly**  
5D3583



**Tritanomaly**  
8F2256

# Monochromacy



**Original Color**  
940088



**Achromatopsia**  
3C3C3C



**Achromatomaly**  
5C2658

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 940088 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 #940088 looks like.

```
.text, #text, p{  
    color:#940088  
}
```

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 #940088 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940088
}
```

## Border

The CSS property to change the border of an element to Hex 940088 is called "border". The border property can be set on classes, ids or directly on the HTML element.

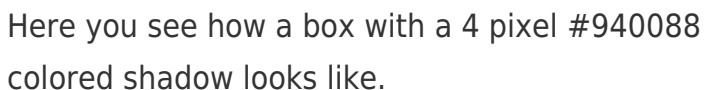
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#940088 }
```

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

```
.border{ border-color:#940088 }
```

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



Here you see how a box with a 4 pixel #940088 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940088; -webkit-box-shadow:4px 4px  
4px 4px #940088; box-shadow:4px 4px 4px  
4px #940088 }
```

# Background

The CSS property to change the background color of an element to Hex 940088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940088 }
```

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

```
.background{ background-color:#940088 }
```

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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