

# Converting Colors

Hex(940062)

Have a look what the booklet for  
Hex(940062) contains.

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**Color**

**Hex(940062)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	940062
RGB	148, 0, 98
RGB Percent	58%, 0%, 38%
CMY	0.4196, 1.0000, 0.6157
CMYK	0.00, 1.00, 0.34, 0.42
HSL	320°, 100%, 29%
HSV	320°, 100%, 58%
XYZ	14.4173, 7.1777, 12.1808
YIQ	55.4240, 56.7500, 61.8540

# Conversions

## Conversions Part 2

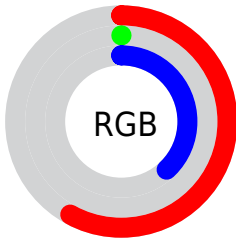
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 0, 98
Decimal	9699426
CIE <sub>Lab</sub>	32.21, 58.86, -13.25
CIE <sub>LCh</sub>	32, 60.336, 347.313
Yxy	7.1777, 0.4269, 0.2125
Android (android.graphics.Color)	4287889506 (0xFF940062)
YUV	55.4240, 20.9900, 81.1892
Hunter-Lab	26.7913, 49.1724, -8.2027

# Details

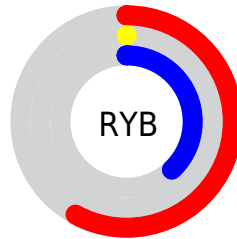
The Hex color **940062** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **009432**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **CE4B95**, and **5C0033** is the 20% darker color. If you saturate the color by 10%, you get **940062**, and if you desaturate by 10%, it is **940F67**.

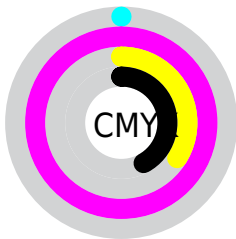
# Distribution



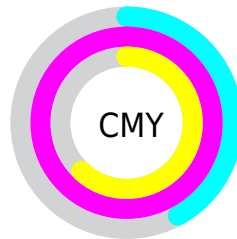
- Red (58%)
- Green (0%)
- Blue (38%)



- Red (58%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (42%)



- Cyan (42%)
- Magenta (100%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 940062 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 940062 by changing the saturation by 10% instead.



 940062

 940062

FFFFFF

 78004A

 CE4B95

 5C0033

 EC67AF

 42001F

 FF83CB

 270001

 FF9FE7

 000000

 FFBCFF

 FFD8FF

 FFF6FF

 940062

■ 940F67

■ 941E6C

■ 942C71

■ 943B76

■ 944A7B

■ 945980

■ 946885

■ 94768A

■ 94858F

# Harmonies

## Analogous

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



6E2E8D



940062



9C0033

# Triad

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



940062



445200



005E91

# Complementary

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



940062



009432

# 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.



005F67



940062



005A00

# Square

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



940062



6E4200



005E35



0058AA

# Rectangle

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



940062



941C14



005E35



005F85



# Sweetspot

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



940062



BF86AC



310094



613E55



E0E0E0



616161



# Same Dimension

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



940062



BF007F



940019



4A4347



8A005B



0A0007



# Inverse Universe

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



940062



BF007F



00947B



4A4347



8A005B



0A0007



# Previews

## White Background



This preview shows how the Hex color 940062 looks on a white background.

## Color Contrast Check

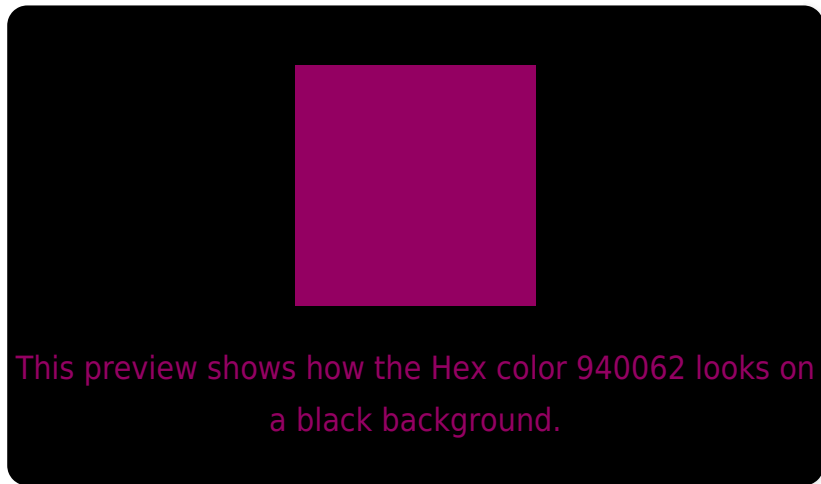
Large Text (above 18pt) WCAG AA ✓ Pass

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

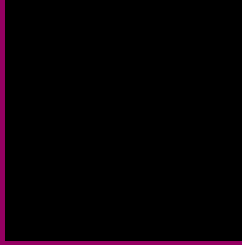
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 940062 Background



This preview shows how black text looks on a background with the Hex color 940062.

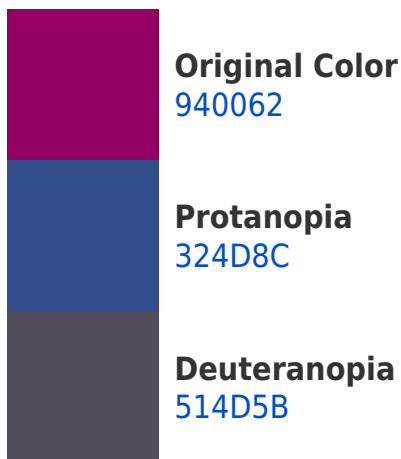


This preview shows how white text looks on a background with the Hex color 940062.

# 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**  
940062

**Protanomaly**  
56317D

**Deuteranomaly**  
69315E

**Tritanomaly**  
91193D

# Monochromacy



**Original Color**  
940062

**Achromatopsia**  
373737

**Achromatomaly**  
592347

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 940062 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 #940062 looks like.

```
.text, #text, p{  
    color:#940062  
}
```

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 #940062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940062
}
```

## Border

The CSS property to change the border of an element to Hex 940062 is called "border". The border property can be set on classes, ids or directly on the HTML element.

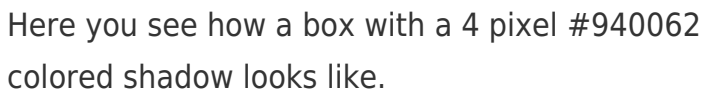
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#940062 }
```

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

```
.border{ border-color:#940062 }
```

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



Here you see how a box with a 4 pixel #940062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940062; -webkit-box-shadow:4px 4px  
4px 4px #940062; box-shadow:4px 4px 4px  
4px #940062 }
```

# Background

The CSS property to change the background color of an element to Hex 940062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940062 }
```

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

```
.background{ background-color:#940062 }
```

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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