

Converting Colors

Hex(940C94)

Have a look what the booklet for
Hex(940C94) contains.

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Color

Hex(940C94)

Conversions

Conversions Part 1

Format	Color
Hex	940C94
RGB	148, 12, 148
RGB Percent	58%, 5%, 58%
CMY	0.4196, 0.9529, 0.4196
CMYK	0.00, 0.92, 0.00, 0.42
HSL	300°, 85%, 31%
HSV	300°, 92%, 58%
XYZ	17.6895, 8.6970, 28.7633
YIQ	68.1680, 37.4000, 71.1280

Conversions

Conversions Part 2

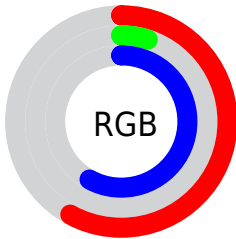
Format	Color
R_{YB}	148, 12, 148
Decimal	9702548
CIE _{Lab}	35.39, 63.94, -39.72
CIE _{LCh}	35, 75.276, 328.154
Yxy	8.6970, 0.3208, 0.1577
Android (android.graphics.Color)	4287892628 (0xFF940C94)
YUV	68.1680, 39.3572, 70.0127
Hunter-Lab	29.4906, 55.4620, -37.1844

Details

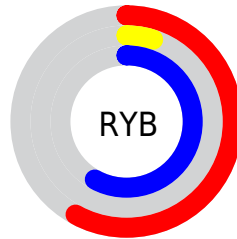
The Hex color **940C94** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0C940C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **CE52CB**, and **5D0060** is the 20% darker color. If you saturate the color by 10%, you get **940094**, and if you desaturate by 10%, it is **941B94**.

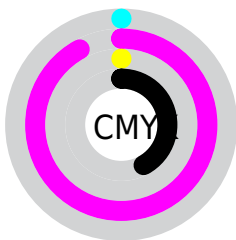
Distribution



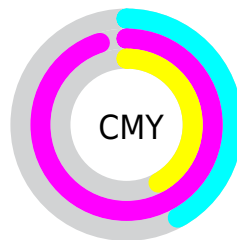
- Red (58%)
- Green (5%)
- Blue (58%)



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



- Cyan (0%)
- Magenta (92%)
- Yellow (0%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 940C94 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 940C94 by changing the saturation by 10% instead.

 940C94

 940C94

FFFFFF

 78007A

 CE52CB

 5D0060

 EB6EE7

 420048

 FF8AFF

 280031

 FFA6FF

 00011B

 FFC3FF

 000000

 FFE0FF

 FFFEFF

 940C94

 940C94

■ 940094

■ 941B94

■ 942A94

■ 943894

■ 944794

■ 945694

■ 946594

■ 947494

■ 948294

■ 949194

Harmonies

Analogous

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



3245C0



940C94



B4005A

Triad

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



940C94



6A5000



006B8B

Complementary

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



940C94



0C940C

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.



006A4E



940C94



2C6000

Square

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



940C94



963200



006702



0068BB

Rectangle

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



940C94



B60033



006702



006B78

Sweetspot

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



940C94



BF8ABF



0C0C94



614061



E0E0E0



616161

Same Dimension

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



940C94



BF00BF



940C50



4A434A



8A008A



0A000A

Inverse Universe

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



940C94



BF00BF



0C9450



4A434A



8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 940C94 looks on a white background.

Color Contrast Check

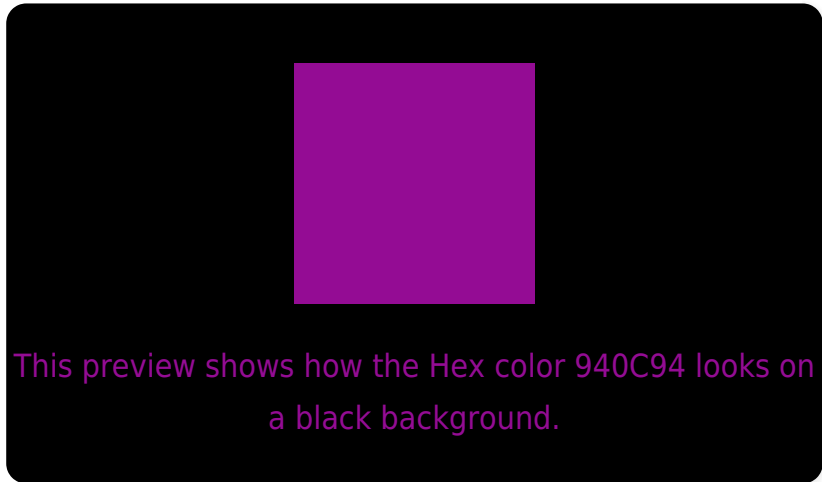
Large Text (above 18pt) WCAG AA ✓ Pass

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

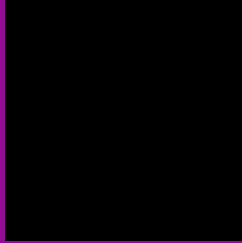
Any Text WCAG AA × Fail

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 940C94 Background



This preview shows how black text looks on a background with the Hex color 940C94.



This preview shows how white text looks on a background with the Hex color 940C94.

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
8B3B3F

Trichromacy



Original Color
940C94



Protanomaly
3639A5



Deuteranomaly
573B8E



Tritanomaly
8E2A5E

Monochromacy



Original Color
940C94



Achromatopsia
444444



Achromatomaly
613061

CSS Examples

Text

The CSS property to change the color of the text to Hex 940C94 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 #940C94 looks like.

```
.text, #text, p{  
  color:#940C94  
}
```

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 #940C94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940C94
}
```

Border

The CSS property to change the border of an element to Hex 940C94 is called "border". The border property can be set on classes, ids or directly on the HTML element.

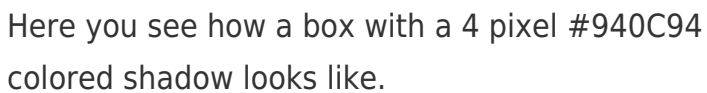
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#940C94 }
```

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

```
.border{ border-color:#940C94 }
```

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



Here you see how a box with a 4 pixel #940C94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940C94; -webkit-box-shadow:4px 4px  
4px 4px #940C94; box-shadow:4px 4px 4px  
4px #940C94 }
```

Background

The CSS property to change the background color of an element to Hex 940C94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940C94 }
```

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

```
.background{ background-color:#940C94 }
```

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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