

Converting Colors

Hex(940AA8)

Have a look what the booklet for
Hex(940AA8) contains.

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Color

Hex(940AA8)

Conversions

Conversions Part 1

Format	Color
Hex	940AA8
RGB	148, 10, 168
RGB Percent	58%, 4%, 66%
CMY	0.4196, 0.9608, 0.3412
CMYK	0.12, 0.94, 0.00, 0.34
HSL	292°, 89%, 35%
HSV	292°, 94%, 66%
XYZ	19.3892, 9.3401, 37.8267
YIQ	69.2740, 31.5300, 78.3940

Conversions

Conversions Part 2

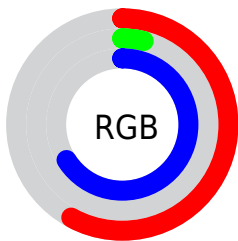
Format	Color
RYB	148, 10, 168
Decimal	9702056
CIELab	36.63, 67.48, -49.85
CIElCh	37, 83.897, 323.542
Yxy	9.3401, 0.2913, 0.1403
Android (android.graphics.Color)	4287892136 (0xFF940AA8)
YUV	69.2740, 48.6719, 69.0427
Hunter-Lab	30.5616, 59.7626, -51.9912

Details

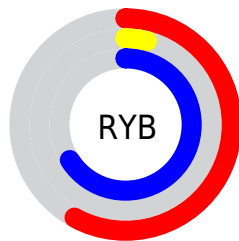
The Hex color **940AA8** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **1EA80A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **CE52E0**, and **5C0073** is the 20% darker color. If you saturate the color by 10%, you get **9300A8**, and if you desaturate by 10%, it is **961BA8**.

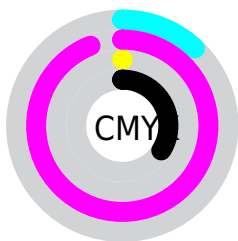
Distribution



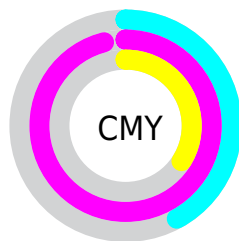
- Red (58%)
- Green (4%)
- Blue (66%)



- Red (58%)
- Yellow (4%)
- Blue (66%)



- Cyan (12%)
- Magenta (94%)
- Yellow (0%)
- Black (34%)



- Cyan (42%)
- Magenta (96%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 940AA8 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 940AA8 by changing the saturation by 10% instead.

940AA8

940AA8

FFFFFF

78008D

CE52E0

5C0073

EC6FFD

40005A

FF8BFF

260041

FFA7FF

00002A

FFC4FF

000114

FFE2FF

000000

940AA8

940AA8

9300A8

961BA8

 982CA8

 9A3CA8

 9D4DA8

 9F5EA8

 A16FA8

 A380A8

 A590A8

 A7A1A8

Harmonies

Analogous

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



004CD5



940AA8



BF0068

Triad

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



940AA8



764F00



00708B

Complementary

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



940AA8



1EA80A

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.



006E45



940AA8



346200

Square

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



940AA8



A52600



006B00



006EC4

Rectangle

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



940AA8



C4003C



006B00



006F74

Sweetspot

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



940AA8



D49EDB



0A1FA8



69486E



EDEDED



6E6E6E

Same Dimension

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



940AA8



C000DB



A80A6E



534C54



810094



120014

Inverse Universe

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



A80A1E



DB001C



0AA844



544C4D



940013



140003

Previews

White Background



This preview shows how the Hex color 940AA8 looks on a white background.

Color Contrast Check

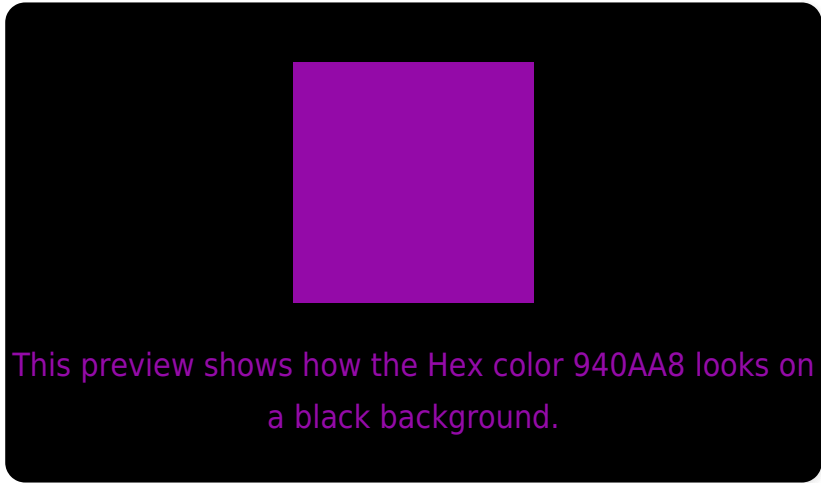
Large Text (above 18pt) WCAG AA ✓ Pass

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

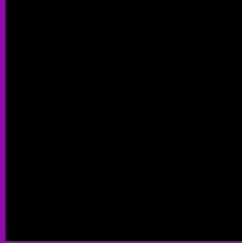
Any Text WCAG AA × Fail

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 940AA8 Background



This preview shows how black text looks on a background with the Hex color 940AA8.



This preview shows how white text looks on a background with the Hex color 940AA8.

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



Original Color
940AA8

Protanopia
0055B4

Deuteranopia
105A9E



Tritanopia
884247

Trichromacy



Original Color
940AA8



Protanomaly
363AB0



Deuteranomaly
403DA2



Tritanomaly
8C2E6A

Monochromacy



Original Color
940AA8



Achromatopsia
454545



Achromatomaly
623069

CSS Examples

Text

The CSS property to change the color of the text to Hex 940AA8 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 #940AA8 looks like.

```
.text, #text, p{  
    color:#940AA8  
}
```

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 #940AA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940AA8
}
```

Border

The CSS property to change the border of an element to Hex 940AA8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

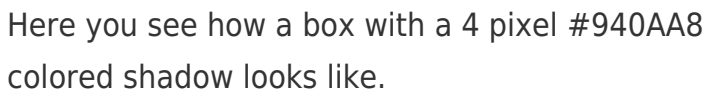
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#940AA8 }
```

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

```
.border{ border-color:#940AA8 }
```

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



Here you see how a box with a 4 pixel #940AA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940AA8; -webkit-box-shadow:4px 4px  
4px 4px #940AA8; box-shadow:4px 4px 4px  
4px #940AA8 }
```

Background

The CSS property to change the background color of an element to Hex 940AA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940AA8 }
```

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

```
.background{ background-color:#940AA8 }
```

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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