

Converting Colors

Hex(940078)

Have a look what the booklet for
Hex(940078) contains.

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Color

Hex(940078)

Conversions

Conversions Part 1

Format	Color
Hex	940078
RGB	148, 0, 120
RGB Percent	58%, 0%, 47%
CMY	0.4196, 1.0000, 0.5294
CMYK	0.00, 1.00, 0.19, 0.42
HSL	311°, 100%, 29%
HSV	311°, 100%, 58%
XYZ	15.6029, 7.6520, 18.4239
YIQ	57.9320, 49.6880, 68.6960

Conversions

Conversions Part 2

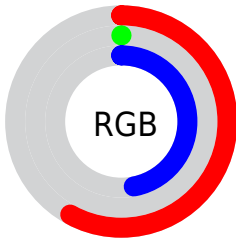
Format	Color
R_{YB}	148, 0, 120
Decimal	9699448
CIE _{Lab}	33.25, 61.50, -25.71
CIE _{LCh}	33, 66.660, 337.312
Yxy	7.6520, 0.3744, 0.1836
Android (android.graphics.Color)	4287889528 (0xFF940078)
YUV	57.9320, 30.5995, 78.9896
Hunter-Lab	27.6622, 52.2744, -20.1255

Details

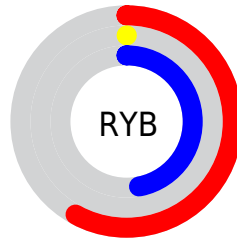
The Hex color **940078** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00941C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **CE4CAD**, and **5C0047** is the 20% darker color. If you saturate the color by 10%, you get **940078**, and if you desaturate by 10%, it is **940F7B**.

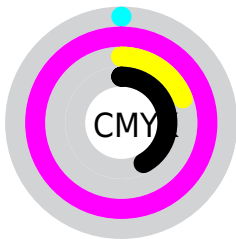
Distribution



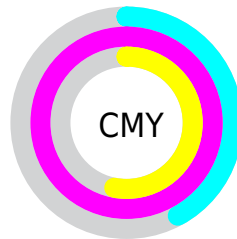
- Red (58%)
- Green (0%)
- Blue (47%)



- Red (58%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (42%)



- Cyan (42%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 940078 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 940078 by changing the saturation by 10% instead.

 940078

 940078

FFFFFF

 78005F

 CE4CAD

 5C0047

 EB68C8

 420030

 FF84E4

 27001B

 FFA1FF

 000000

 FFBDFD

 FFDAFF

 FFF8FF

 940078

■ 940F7B

■ 941E7E

■ 942C80

■ 943B83

■ 944A86

■ 945989

■ 94688C

■ 94768E

■ 948591

Harmonies

Analogous

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



5A38A3



940078



A60044

Triad

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



940078



555000



00638E

Complementary

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



940078



00941C

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.



00635A



940078



125C00

Square

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



940078



803B00



006122



005FB1

Rectangle

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



940078



A30022



006122



00637E

Sweetspot

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



940078



BF86B4



1B0094



613E5A



E0E0E0



616161

Same Dimension

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



940078



BF009B



94002F



4A4349



8A0070



0A0008

Inverse Universe

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



940078



BF009B



009465



4A4349



8A0070



0A0008

Previews

White Background



This preview shows how the Hex color 940078 looks on a white background.

Color Contrast Check

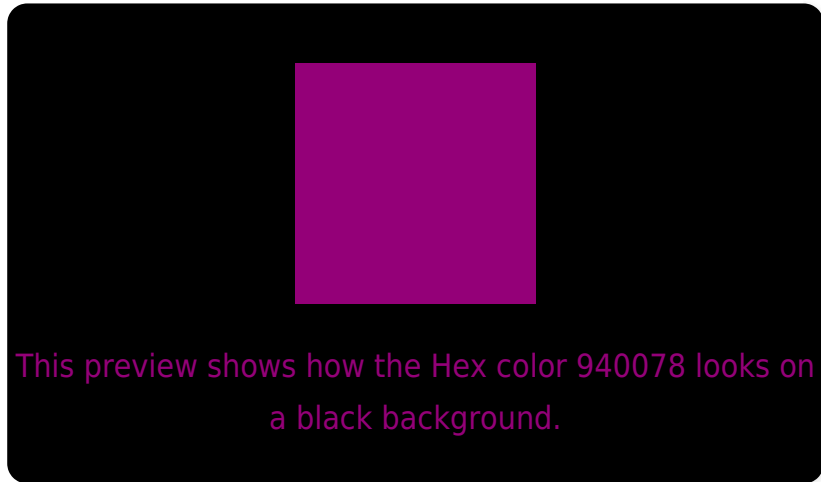
Large Text (above 18pt) WCAG AA ✓ Pass

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

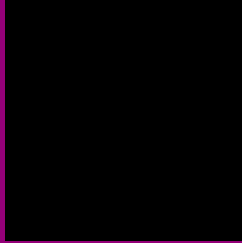
Any Text WCAG AA × Fail

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 940078 Background



This preview shows how black text looks on a background with the Hex color 940078.



This preview shows how white text looks on a background with the Hex color 940078.

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
8E2F32

Trichromacy



Original Color
940078

Protanomaly
363296

Deuteranomaly
633373

Tritanomaly
901E4B

Monochromacy



Original Color
940078

Achromatopsia
3A3A3A

Achromatomaly
5B2551

CSS Examples

Text

The CSS property to change the color of the text to Hex 940078 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 #940078 looks like.

```
.text, #text, p{  
    color:#940078  
}
```

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 #940078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940078
}
```

Border

The CSS property to change the border of an element to Hex 940078 is called "border". The border property can be set on classes, ids or directly on the HTML element.

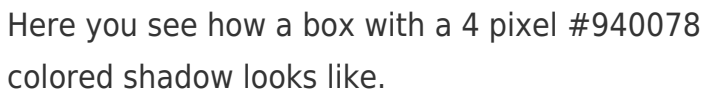
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#940078 }
```

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

```
.border{ border-color:#940078 }
```

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



Here you see how a box with a 4 pixel #940078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940078; -webkit-box-shadow:4px 4px  
4px 4px #940078; box-shadow:4px 4px 4px  
4px #940078 }
```

Background

The CSS property to change the background color of an element to Hex 940078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940078 }
```

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

```
.background{ background-color:#940078 }
```

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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