

Converting Colors

Hex(940087)

Have a look what the booklet for
Hex(940087) contains.

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Color

Hex(940087)

Conversions

Conversions Part 1

Format	Color
Hex	940087
RGB	148, 0, 135
RGB Percent	58%, 0%, 53%
CMY	0.4196, 1.0000, 0.4706
CMYK	0.00, 1.00, 0.09, 0.42
HSL	305°, 100%, 29%
HSV	305°, 100%, 58%
XYZ	16.5859, 8.0452, 23.6004
YIQ	59.6420, 44.8730, 73.3610

Conversions

Conversions Part 2

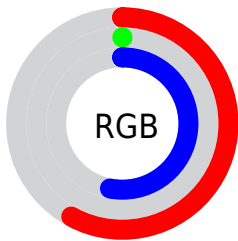
Format	Color
R_{YB}	148, 0, 135
Decimal	9699463
CIE _{Lab}	34.08, 63.56, -33.80
CIE _{LCh}	34, 71.987, 331.997
Yxy	8.0452, 0.3439, 0.1668
Android (android.graphics.Color)	4287889543 (0xFF940087)
YUV	59.6420, 37.1515, 77.4900
Hunter-Lab	28.3640, 54.7413, -29.4776

Details

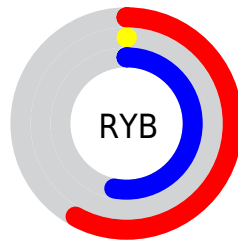
The Hex color **940087** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00940D**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **CE4DBD**, and **5D0055** is the 20% darker color. If you saturate the color by 10%, you get **940087**, and if you desaturate by 10%, it is **940F88**.

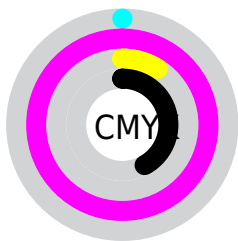
Distribution



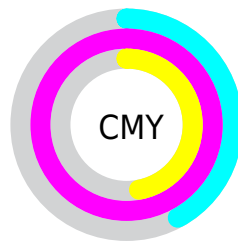
- Red (58%)
- Green (0%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 940087 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 940087 by changing the saturation by 10% instead.

 940087

 940087

FFFFFF

 78006D

 CE4DBD

 5D0055

 EB6AD9

 42003D

 FF86F5

 280026

 FFA2FF

 00010F

 FFBFFF

 000000

 FFDCCF

 FFF9FF

 940087

 940F88

 941E8A

 942C8B

 943B8C

 944A8E

 94598F

 946890

 947691

 948593

Harmonies

Analogous

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



473EB3



940087



AE004F

Triad

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



940087



5F5000



00678C

Complementary

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



940087



00940D

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.



006653



940087



205D00

Square

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



940087



8B3600



006312



0063B7

Rectangle

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



940087



AD002A



006312



00677A

Sweetspot

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



940087



BF86BA



0C0094



613E5E



E0E0E0



616161

Same Dimension

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



940087



BF00AE



94003E



4A4349



8A007E



0A0009

Inverse Universe

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



940087



BF00AE



009456



4A4349



8A007E



0A0009

Previews

White Background



This preview shows how the Hex color 940087 looks on a white background.

Color Contrast Check

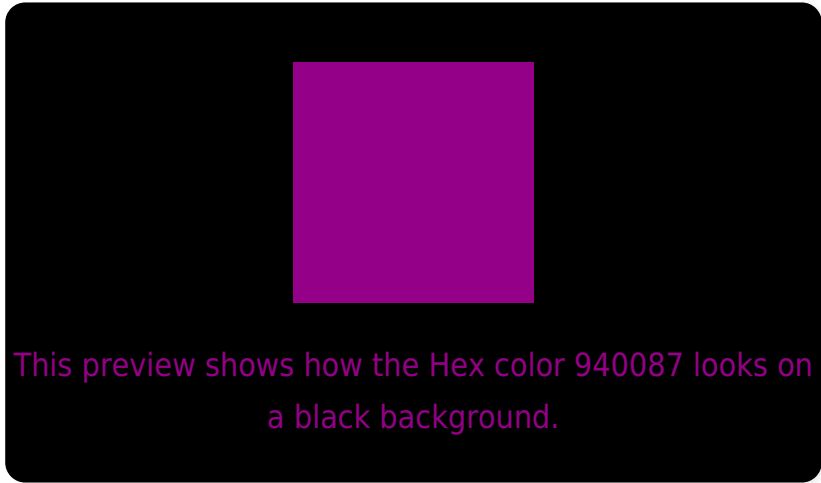
Large Text (above 18pt) WCAG AA ✓ Pass

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

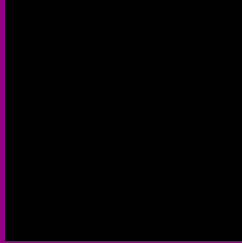
Any Text WCAG AA × Fail

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 940087 Background



This preview shows how black text looks on a background with the Hex color 940087.

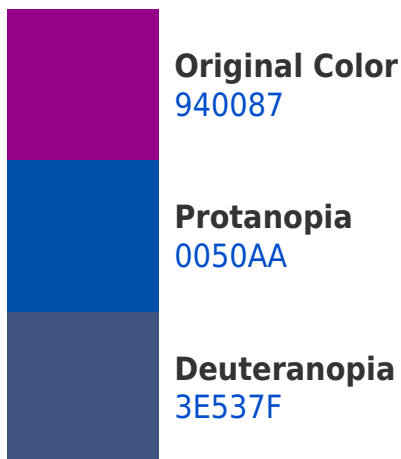



This preview shows how white text looks on a background with the Hex color 940087.

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
8C3538

Trichromacy



Original Color
940087



Protanomaly
36339D



Deuteranomaly
5D3582



Tritanomaly
8F2255

Monochromacy



Original Color
940087



Achromatopsia
3C3C3C



Achromatomaly
5C2657

CSS Examples

Text

The CSS property to change the color of the text to Hex 940087 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 #940087 looks like.

```
.text, #text, p{  
    color:#940087  
}
```

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 #940087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940087
}
```

Border

The CSS property to change the border of an element to Hex 940087 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
#940087 }
```

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

```
.border{ border-color:#940087 }
```

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

Here you see how a box with a 4 pixel #940087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940087; -webkit-box-shadow:4px 4px  
4px 4px #940087; box-shadow:4px 4px 4px  
4px #940087 }
```

Background

The CSS property to change the background color of an element to Hex 940087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940087 }
```

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

```
.background{ background-color:#940087 }
```

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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