

Converting Colors

Hex(940271)

Have a look what the booklet for
Hex(940271) contains.

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Color

Hex(940271)

Conversions

Conversions Part 1

Format	Color
Hex	940271
RGB	148, 2, 113
RGB Percent	58%, 1%, 44%
CMY	0.4196, 0.9922, 0.5569
CMYK	0.00, 0.99, 0.24, 0.42
HSL	314°, 97%, 29%
HSV	314°, 99%, 58%
XYZ	15.2151, 7.5316, 16.2746
YIQ	58.3080, 51.3850, 65.4730

Conversions

Conversions Part 2

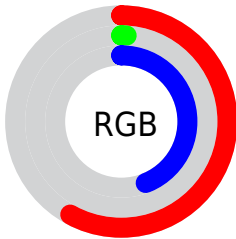
Format	Color
RYB	148, 2, 113
Decimal	9699953
CIELab	32.99, 60.33, -21.68
CIELCh	33, 64.110, 340.236
Yxy	7.5316, 0.3899, 0.1930
Android (android.graphics.Color)	4287890033 (0xFF940271)
YUV	58.3080, 26.9632, 78.6599
Hunter-Lab	27.4437, 50.9358, -15.9494

Details

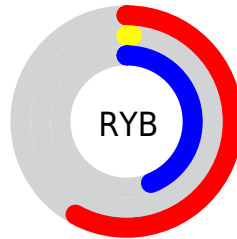
The Hex color **940271** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **029425**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **CE4CA5**, and **5C0041** is the 20% darker color. If you saturate the color by 10%, you get **940071**, and if you desaturate by 10%, it is **941175**.

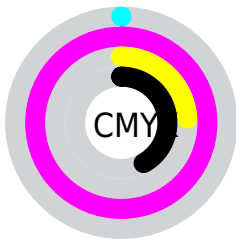
Distribution



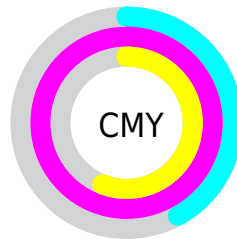
- Red (58%)
- Green (1%)
- Blue (44%)



- Red (58%)
- Yellow (1%)
- Blue (44%)



- Cyan (0%)
- Magenta (99%)
- Yellow (24%)
- Black (42%)



- Cyan (42%)
- Magenta (99%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 940271 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 940271 by changing the saturation by 10% instead.

940271

940271

FFFFFF

780058

CE4CA5

5C0041

EB69C0

42002B

FF85DC

270015

FFA1F9

000000

FFBDFE

FFDAFF

FFF8FF

940271

940271

■ 940071

■ 941175

■ 942078

■ 942E7C

■ 943D7F

■ 944C83

■ 945B86

■ 946A8A

■ 94788D

■ 948791

Harmonies

Analogous

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



61359C



940271



A3003F

Triad

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



940271



505100



00628F

Complementary

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



940271



029425

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.



00625E



940271



065B00

Square

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



940271



7A3E00



006028



005DAE

Rectangle

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



940271



9E081E



006028



006280

Sweetspot

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



940271



BF86B1



240294



613E59



E0E0E0



616161

Same Dimension

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



940271



BF0091



940229



4A4348



8A0069



0A0008

Inverse Universe

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



940271



BF0091



02946D



4A4348



8A0069



0A0008

Previews

White Background



This preview shows how the Hex color 940271 looks on a white background.

Color Contrast Check

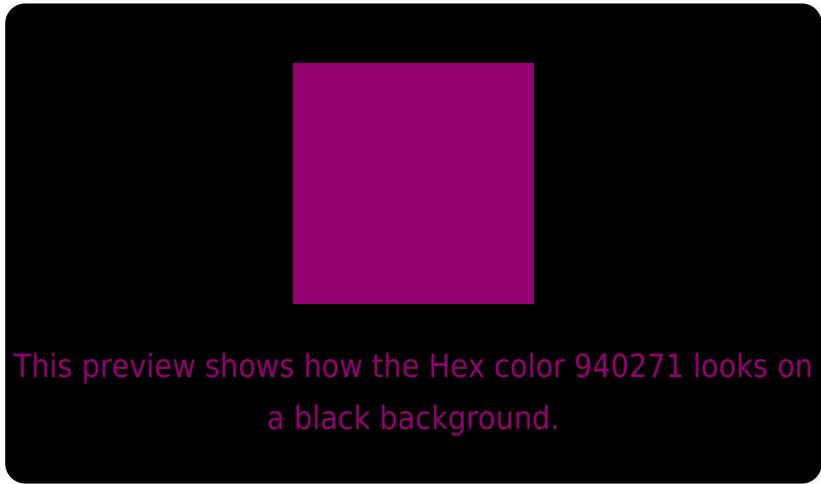
Large Text (above 18pt) WCAG AA ✓ Pass

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

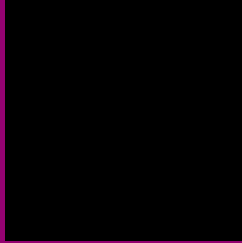
Any Text WCAG AA × Fail

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 940271 Background



This preview shows how black text looks on a background with the Hex color 940271.

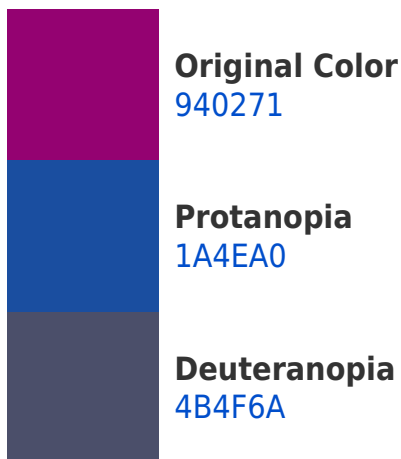


This preview shows how white text looks on a background with the Hex color 940271.

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
8F2D2F

Trichromacy



Original Color
940271



Protanomaly
46328F



Deuteranomaly
66336D



Tritanomaly
911D47

Monochromacy



Original Color
940271



Achromatopsia
3A3A3A



Achromatomaly
5B264E

CSS Examples

Text

The CSS property to change the color of the text to Hex 940271 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 #940271 looks like.

```
.text, #text, p{  
    color:#940271  
}
```

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 #940271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940271
}
```

Border

The CSS property to change the border of an element to Hex 940271 is called "border". The border property can be set on classes, ids or directly on the HTML element.

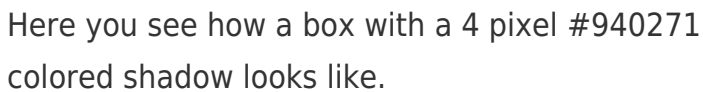
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#940271 }
```

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

```
.border{ border-color:#940271 }
```

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



Here you see how a box with a 4 pixel #940271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940271; -webkit-box-shadow:4px 4px  
4px 4px #940271; box-shadow:4px 4px 4px  
4px #940271 }
```

Background

The CSS property to change the background color of an element to Hex 940271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940271 }
```

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

```
.background{ background-color:#940271 }
```

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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