

Converting Colors

Hex(940001)

Have a look what the booklet for
Hex(940001) contains.

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Color

Hex(940001)

Conversions

Conversions Part 1

Format	Color
Hex	940001
RGB	148, 0, 1
RGB Percent	58%, 0%, 0%
CMY	0.4196, 1.0000, 0.9961
CMYK	0.00, 1.00, 0.99, 0.42
HSL	360°, 100%, 29%
HSV	360°, 100%, 58%
XYZ	12.2182, 6.2981, 0.6004
YIQ	44.3660, 87.8870, 31.6870

Conversions

Conversions Part 2

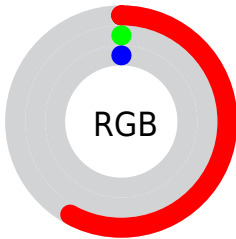
Format	Color
R_{YB}	148, 0, 1
Decimal	9699329
CIE _{Lab}	30.15, 53.41, 43.40
CIE _{LCh}	30, 68.820, 39.095
Yxy	6.2981, 0.6391, 0.3295
Android (android.graphics.Color)	4287889409 (0xFF940001)
YUV	44.3660, -21.3794, 90.8870
Hunter-Lab	25.0960, 42.9864, 16.1487

Details

The Hex color **940001** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **009493**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **D24830**, and **570000** is the 20% darker color. If you saturate the color by 10%, you get **940001**, and if you desaturate by 10%, it is **940F10**.

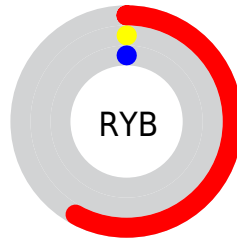
Distribution



Red (58%)

Green (0%)

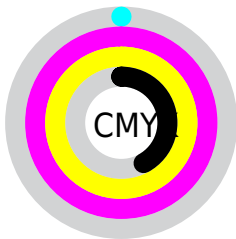
Blue (0%)



Red (58%)

Yellow (0%)

Blue (0%)

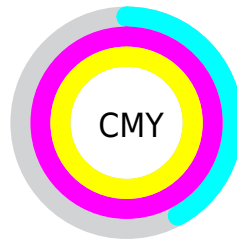


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (42%)



Cyan (42%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 940001 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 940001 by changing the saturation by 10% instead.

 940001

 940001

 FFFFE6

 750000

 D24830

 570000

 F26347

 3C0002

 FF7E60

 170000

 FF9A79

 000000

 FFB693

 FFD3AE

 FFF0C9

 940001

 940F10

 941E1E

 942C2D

 943B3C

 944A4B

 945959

 946868

 947677

 948585

Harmonies

Analogous

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



A0003A



940001



753500

Triad

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



940001



005A1D



004AB3

Complementary

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



940001



009493

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.



0057AD



940001



005B57

Square

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



940001



005500



005C8A



572D9C

Rectangle

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



940001



594500



005C8A



0050B5

Sweetspot

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



940001



BF8686



920094



613E3E



E0E0E0



616161

Same Dimension

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



940001



BF0001



944800



4A4343



8A0001



0A0000

Inverse Universe

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



940001



BF0001



004C94



4A4343



8A0001



0A0000

Previews

White Background



This preview shows how the Hex color 940001 looks on a white background.

Color Contrast Check

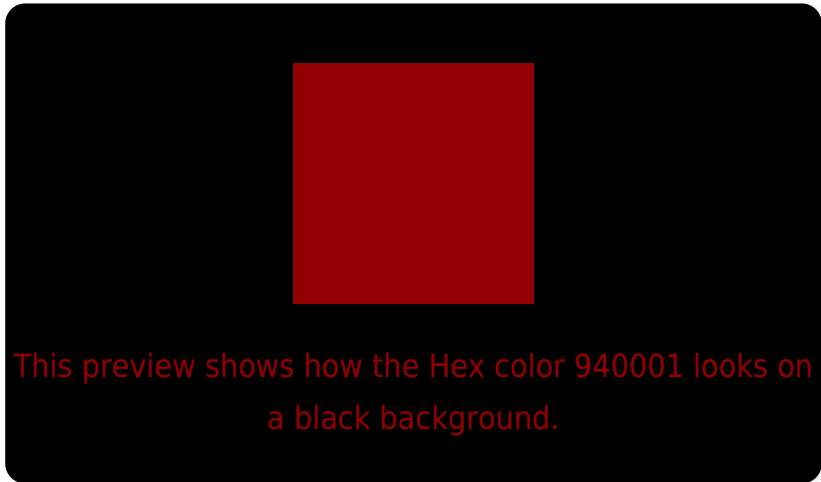
Large Text (above 18pt) WCAG AA ✓ Pass

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 940001 Background



This preview shows how black text looks on a background with the Hex color 940001.



This preview shows how white text looks on a background with the Hex color 940001.

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
940001

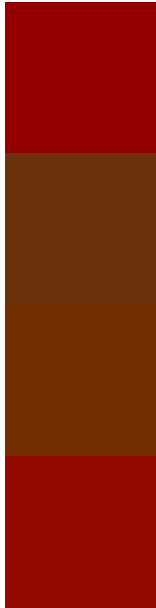
Protanopia
544B13

Deuteranopia
5E4700



Tritanopia
930E00

Trichromacy



Original Color
940001

Protanomaly
6B300C

Deuteranomaly
722D00

Tritanomaly
930900

Monochromacy



Original Color
940001

Achromatopsia
2C2C2C

Achromatomaly
521C1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 940001 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 #940001 looks like.

```
.text, #text, p{  
    color:#940001  
}
```

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 #940001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940001
}
```

Border

The CSS property to change the border of an element to Hex 940001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

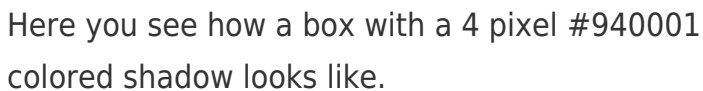
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#940001 }
```

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

```
.border{ border-color:#940001 }
```

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



Here you see how a box with a 4 pixel #940001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940001; -webkit-box-shadow:4px 4px  
4px 4px #940001; box-shadow:4px 4px 4px  
4px #940001 }
```

Background

The CSS property to change the background color of an element to Hex 940001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940001 }
```

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

```
.background{ background-color:#940001 }
```

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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