

Converting Colors

Hex(940016)

Have a look what the booklet for
Hex(940016) contains.

Hex(940016)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(940016)

Conversions

Conversions Part 1

Format	Color
Hex	940016
RGB	148, 0, 22
RGB Percent	58%, 0%, 9%
CMY	0.4196, 1.0000, 0.9137
CMYK	0.00, 1.00, 0.85, 0.42
HSL	351°, 100%, 29%
HSV	351°, 100%, 58%
XYZ	12.3576, 6.3538, 1.3342
YIQ	46.7600, 81.1460, 38.2180

Conversions

Conversions Part 2

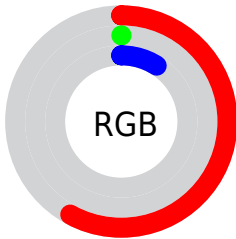
Format	Color
RYB	148, 0, 22
Decimal	9699350
CIELab	30.29, 53.78, 33.70
CIELCh	30, 63.467, 32.071
Yxy	6.3538, 0.6165, 0.3170
Android (android.graphics.Color)	4287889430 (0xFF940016)
YUV	46.7600, -12.2067, 88.7875
Hunter-Lab	25.2068, 43.3972, 14.5066

Details

The Hex color **940016** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00947E**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **D24842**, and **580000** is the 20% darker color. If you saturate the color by 10%, you get **940016**, and if you desaturate by 10%, it is **940F23**.

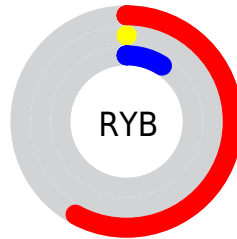
Distribution



Red (58%)

Green (0%)

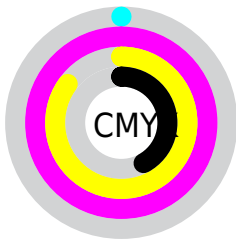
Blue (9%)



Red (58%)

Yellow (0%)

Blue (9%)

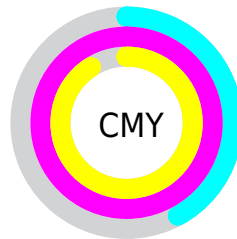


Cyan (0%)

Magenta (100%)

Yellow (85%)

Black (42%)



Cyan (42%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 940016 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 940016 by changing the saturation by 10% instead.

 940016

 940016

 FFFFFA

 760000

 D24842

 580000

 F16459

 3D0002

 FF7F72

 190001

 FF9B8C

 000000

 FFB7A6

 FFD4C1

 FFF1DD

 940016

 940F23

 941E2F

 942C3C

 943B48

 944A55

 945962

 94686E

 94767B

 948587

Harmonies

Analogous

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



990046



940016



7B3100

Triad

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



940016



005813



004EAC

Complementary

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



940016



00947E

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.



0058A0



940016



005B4A

Square

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



940016



205300



005B7B



41389D

Rectangle

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



940016



634100



005B7B



0052AB

Sweetspot

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



940016



BF868E



7E0094



613E43



E0E0E0



616161

Same Dimension

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



940016



BF001C



943400



4A4344



8A0014



0A0002

Inverse Universe

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



940016



BF001C



006094



4A4344



8A0014



0A0002

Previews

White Background



This preview shows how the Hex color 940016 looks on a white background.

Color Contrast Check

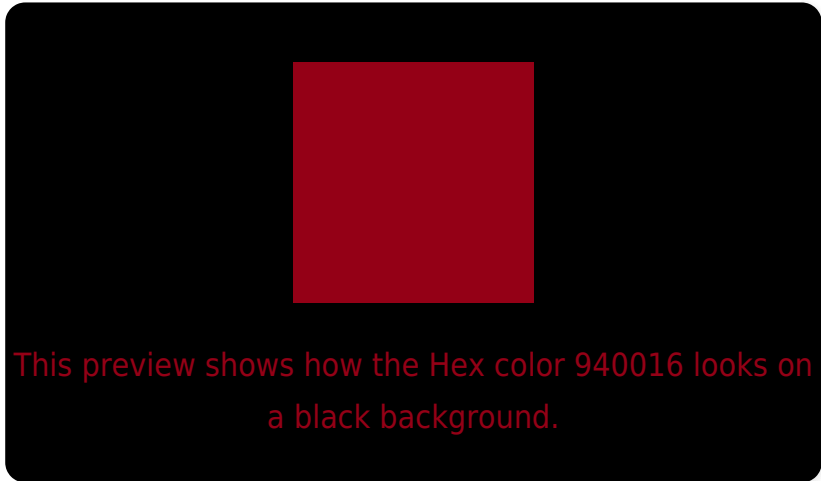
Large Text (above 18pt) WCAG AA ✓ Pass

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 940016 Background



This preview shows how black text looks on a background with the Hex color 940016.



This preview shows how white text looks on a background with the Hex color 940016.

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
940016

Protanopia
534B24

Deuteranopia
5F4700



Tritanopia
930D00

Trichromacy



Original Color
940016

Protanomaly
6B301F

Deuteranomaly
722D08

Tritanomaly
930808

Monochromacy



Original Color
940016

Achromatopsia
2F2F2F

Achromatomaly
541E26

CSS Examples

Text

The CSS property to change the color of the text to Hex 940016 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 #940016 looks like.

```
.text, #text, p{  
    color:#940016  
}
```

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 #940016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940016
}
```

Border

The CSS property to change the border of an element to Hex 940016 is called "border". The border property can be set on classes, ids or directly on the HTML element.

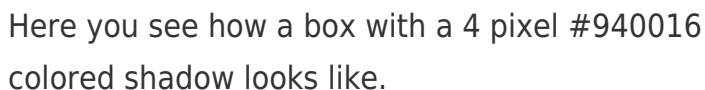
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#940016 }
```

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

```
.border{ border-color:#940016 }
```

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



Here you see how a box with a 4 pixel #940016 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940016; -webkit-box-shadow:4px 4px  
4px 4px #940016; box-shadow:4px 4px 4px  
4px #940016 }
```

Background

The CSS property to change the background color of an element to Hex 940016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940016 }
```

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

```
.background{ background-color:#940016 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor