

Converting Colors

Hex(940032)

Have a look what the booklet for
Hex(940032) contains.

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Color

Hex(940032)

Conversions

Conversions Part 1

Format	Color
Hex	940032
RGB	148, 0, 50
RGB Percent	58%, 0%, 20%
CMY	0.4196, 1.0000, 0.8039
CMYK	0.00, 1.00, 0.66, 0.42
HSL	340°, 100%, 29%
HSV	340°, 100%, 58%
XYZ	12.7885, 6.5262, 3.6033
YIQ	49.9520, 72.1580, 46.9260

Conversions

Conversions Part 2

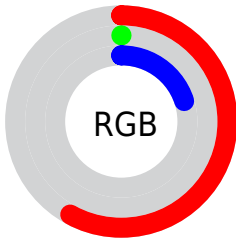
Format	Color
R_{YB}	148, 0, 50
Decimal	9699378
CIE _{Lab}	30.70, 54.90, 16.31
CIE _{LCh}	31, 57.276, 16.546
Yxy	6.5262, 0.5580, 0.2848
Android (android.graphics.Color)	4287889458 (0xFF940032)
YUV	49.9520, 0.0237, 85.9881
Hunter-Lab	25.5464, 44.6504, 9.5198

Details

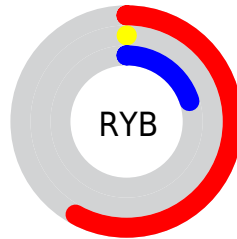
The Hex color **940032** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **009462**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **D04960**, and **5A0004** is the 20% darker color. If you saturate the color by 10%, you get **940032**, and if you desaturate by 10%, it is **940F3C**.

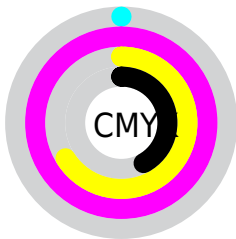
Distribution



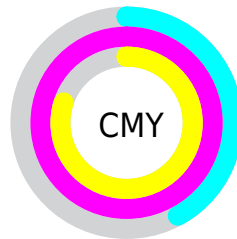
- Red (58%)
- Green (0%)
- Blue (20%)



- Red (58%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (42%)



- Cyan (42%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 940032 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 940032 by changing the saturation by 10% instead.

 940032

 940032

FFFFFF

 76001D

 D04960

 5A0004

 EF6578

 3F0002

 FF8092

 1C0001

 FF9CAD

 000000

 FFB8C8

 FFD5E4

 FFF2FF

 940032

 940F3C

 941E46

 942C4F

 943B59

 944A63

 94596D

 946877

 947680

 94858A

Harmonies

Analogous

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



8C075E



940032



862703

Triad

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



940032



005600



0054A0

Complementary

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



940032



009462

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.



005A89



940032



005A32

Square

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



940032



434E00



005B61



00469F

Rectangle

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



940032



753800



005B61



00569B

Sweetspot

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



940032



BF8699



600094



613E4A



E0E0E0



616161

Same Dimension

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



940032



BF0041



941600



4A4345



8A002F



0A0003

Inverse Universe

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



940032



BF0041



007E94



4A4345



8A002F



0A0003

Previews

White Background



This preview shows how the Hex color 940032 looks on a white background.

Color Contrast Check

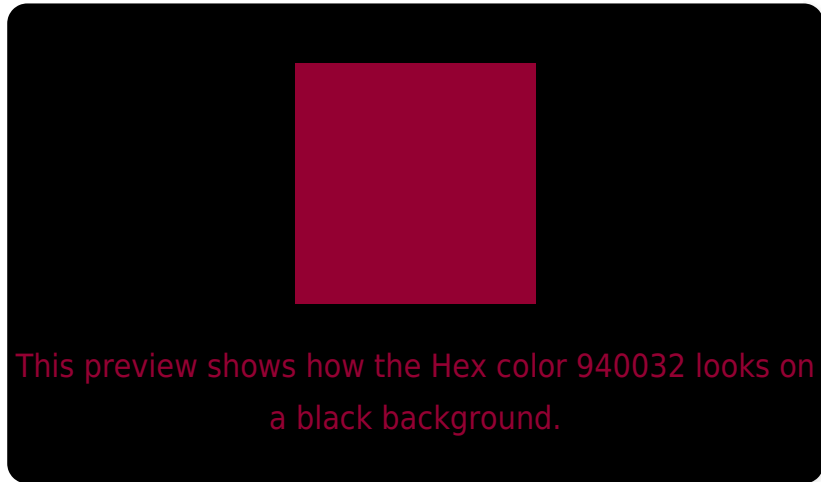
Large Text (above 18pt) WCAG AA ✓ Pass

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 940032 Background



This preview shows how black text looks on a background with the Hex color 940032.



This preview shows how white text looks on a background with the Hex color 940032.

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

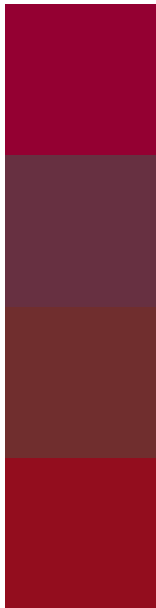


Original Color
940032

Protanopia
4D4B4A

Deuteranopia
5C482B

Trichromacy



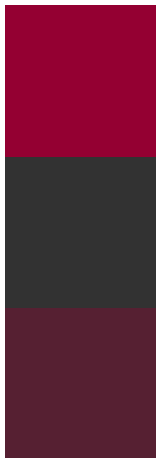
Original Color
940032

Protanomaly
673041

Deuteranomaly
702E2E

Tritanomaly
930D1E

Monochromacy



Original Color
940032

Achromatopsia
323232

Achromatomaly
562032

CSS Examples

Text

The CSS property to change the color of the text to Hex 940032 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 #940032 looks like.

```
.text, #text, p{  
  color:#940032  
}
```

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 #940032 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940032
}
```

Border

The CSS property to change the border of an element to Hex 940032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

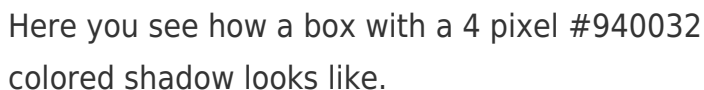
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#940032 }
```

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

```
.border{ border-color:#940032 }
```

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



Here you see how a box with a 4 pixel #940032 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940032; -webkit-box-shadow:4px 4px  
4px 4px #940032; box-shadow:4px 4px 4px  
4px #940032 }
```

Background

The CSS property to change the background color of an element to Hex 940032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940032 }
```

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

```
.background{ background-color:#940032 }
```

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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