

# Converting Colors

Hex(932749)

Have a look what the booklet for  
Hex(932749) contains.

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**Color**

**Hex(932749)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	932749
RGB	147, 39, 73
RGB Percent	58%, 15%, 29%
CMY	0.4235, 0.8471, 0.7137
CMYK	0.00, 0.73, 0.50, 0.42
HSL	341°, 58%, 36%
HSV	341°, 73%, 58%
XYZ	13.9607, 8.1351, 7.1378
YIQ	75.1680, 53.4540, 33.4700

# Conversions

## Conversions Part 2

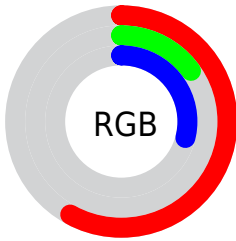
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 39, 73
Decimal	9643849
CIE <sub>Lab</sub>	34.26, 47.16, 6.02
CIE <sub>LCh</sub>	34, 47.544, 7.271
Yxy	8.1351, 0.4776, 0.2783
Android (android.graphics.Color)	4287833929 (0xFF932749)
YUV	75.1680, -1.0688, 62.9967
Hunter-Lab	28.5221, 37.4567, 5.1280

# Details

The Hex color **932749** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **279371**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **CD5D79**, and **5B001E** is the 20% darker color. If you saturate the color by 10%, you get **93183F**, and if you desaturate by 10%, it is **933653**.

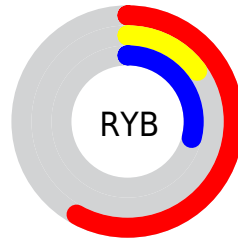
# Distribution



Red (58%)

Green (15%)

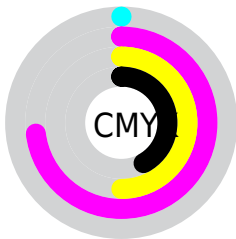
Blue (29%)



Red (58%)

Yellow (15%)

Blue (29%)

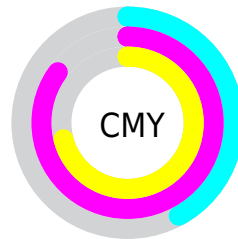


Cyan (0%)

Magenta (73%)

Yellow (50%)

Black (42%)



Cyan (42%)

Magenta (85%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 932749 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 932749 by changing the saturation by 10% instead.



 932749

 932749

FFFFFF

 770233

 CD5D79

 5B001E

 EB7893

 410003

 FF93AE

 240001

 FFAFC9

 000000

 FFCBE5

 FFE8FF

 932749

 932749

 93183F

 933653

930A35

93445D

93002E

935367

936271

93717B

937F85

938E90

939D9A

93ABA4

# Harmonies

## Analogous

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



842F6F



932749



8D3225

# Triad

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



932749



315B0A



005C96

# Complementary

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



932749



279371

# 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.



00617E



932749



006032

# Square

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



932749



595200



006259



00529C

# Rectangle

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



932749



813E0D



006259



005E90



# Sweetspot

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



932749



BF95A2



712793



614850



E0E0E0



616161



# Same Dimension

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



932749



BF174C



933B27



4A4345



8A002B



0A0003



# Inverse Universe

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



932749



BF174C



277F93



4A4345



8A002B

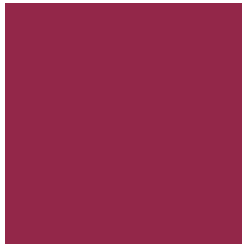


0A0003



# Previews

## White Background



This preview shows how the Hex color 932749 looks on a white background.

## Color Contrast Check

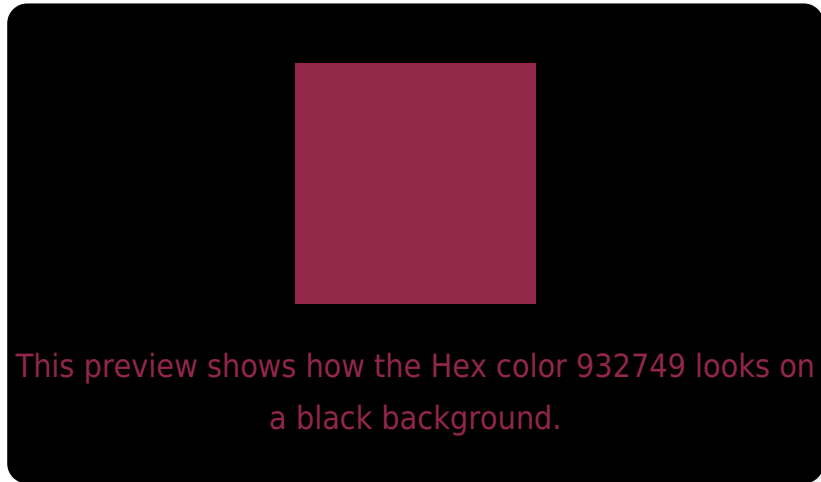
Large Text (above 18pt) WCAG AA ✓ Pass

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 932749 Background



This preview shows how black text looks on a background with the Hex color 932749.



This preview shows how white text looks on a background with the Hex color 932749.

# 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**  
932749

**Protanopia**  
4F5160

**Deuteranopia**  
5F4F44



**Tritanopia**  
922D2F

# Trichromacy



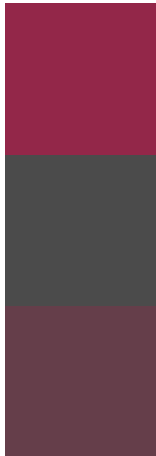
**Original Color**  
932749

**Protanomaly**  
684258

**Deuteranomaly**  
724046

**Tritanomaly**  
922B38

# Monochromacy



**Original Color**  
932749

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
653E4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 932749 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 #932749 looks like.

```
.text, #text, p{  
    color:#932749  
}
```

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 #932749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #932749
}
```

## Border

The CSS property to change the border of an element to Hex 932749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

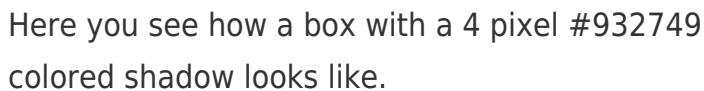
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#932749 }
```

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

```
.border{ border-color:#932749 }
```

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



Here you see how a box with a 4 pixel #932749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #932749; -webkit-box-shadow:4px 4px  
4px 4px #932749; box-shadow:4px 4px 4px  
4px #932749 }
```

# Background

The CSS property to change the background color of an element to Hex 932749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#932749 }
```

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

```
.background{ background-color:#932749 }
```

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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