

# Converting Colors

Hex(932B4D)

Have a look what the booklet for  
Hex(932B4D) contains.

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# Color

**Hex(932B4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	932B4D
RGB	147, 43, 77
RGB Percent	58%, 17%, 30%
CMY	0.4235, 0.8314, 0.6980
CMYK	0.00, 0.71, 0.48, 0.42
HSL	340°, 55%, 37%
HSV	340°, 71%, 58%
XYZ	14.2361, 8.4666, 7.9051
YIQ	77.9720, 51.0700, 32.6220

# Conversions

## Conversions Part 2

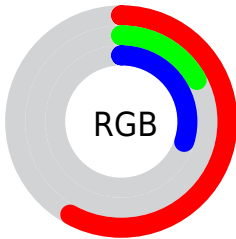
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">147, 43, 77</a>
Decimal	<a href="#">9644877</a>
CIELab	<a href="#">34.94, 45.98, 4.39</a>
CIElCh	<a href="#">35, 46.190, 5.450</a>
Yxy	<a href="#">8.4666, 0.4651, 0.2766</a>
Android (android.graphics.Color)	<a href="#">4287834957 (0xFF932B4D)</a>
YUV	<a href="#">77.9720, -0.4792, 60.5376</a>
Hunter-Lab	<a href="#">29.0975, 36.4113, 4.2606</a>

# Details

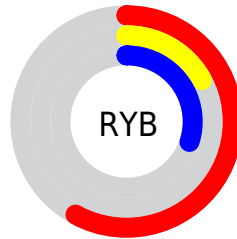
The Hex color **932B4D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2B9371**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **CD607E**, and **5B0021** is the 20% darker color. If you saturate the color by 10%, you get **931C43**, and if you desaturate by 10%, it is **933A57**.

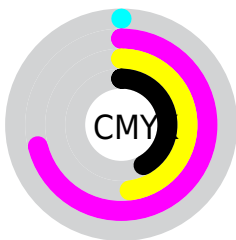
# Distribution



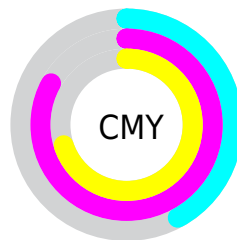
- Red (58%)
- Green (17%)
- Blue (30%)



- Red (58%)
- Yellow (17%)
- Blue (30%)



- Cyan (0%)
- Magenta (71%)
- Yellow (48%)
- Black (42%)



- Cyan (42%)
- Magenta (83%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 932B4D 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 932B4D by changing the saturation by 10% instead.



 932B4D

 932B4D

FFFFFF

 770A36

 CD607E

 5B0021

 EB7B98

 41000A

 FF96B2

 260001

 FFB2CE

 000000

 FFCEEA

 FFE8FF

 932B4D

 932B4D

 931C43

 933A57

930E39

934861

930030

93576B

936675

93747E

938388

939292

93A19C

93AFA6

# Harmonies

## Analogous

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



833471



932B4D



8F3429

# Triad

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



932B4D



375C0D



005E95

# Complementary

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



932B4D



2B9371

# 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.



00627C



932B4D



006132

# Square

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



932B4D



5D5300



006358



00549C

# Rectangle

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



932B4D



833F14



006358



00608F



# Sweetspot

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



932B4D



BF97A4



702B93



614951



E0E0E0



616161



# Same Dimension

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



932B4D



BF1D52



933C2B



4A4345



8A002D



0A0003



# Inverse Universe

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



932B4D



BF1D52



2B8293



4A4345



8A002D

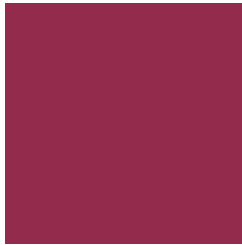


0A0003



# Previews

## White Background



This preview shows how the Hex color 932B4D looks on a white background.

## Color Contrast Check

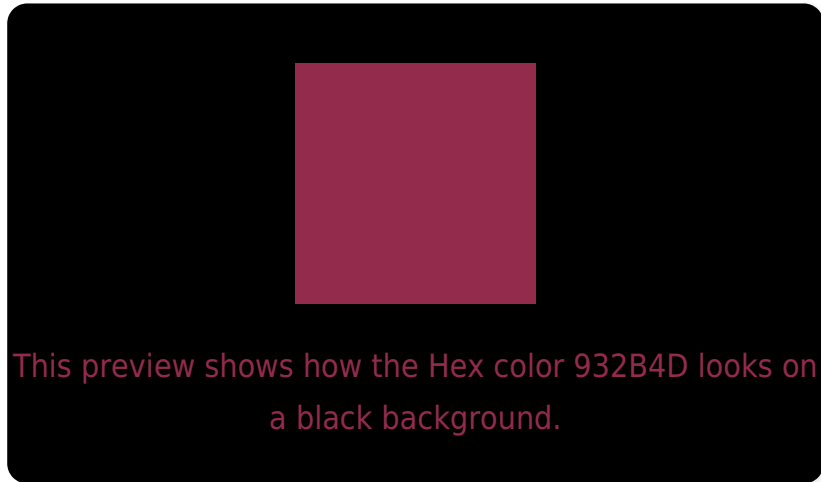
Large Text (above 18pt) WCAG AA ✓ Pass

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 932B4D Background



This preview shows how black text looks on a background with the Hex color 932B4D.

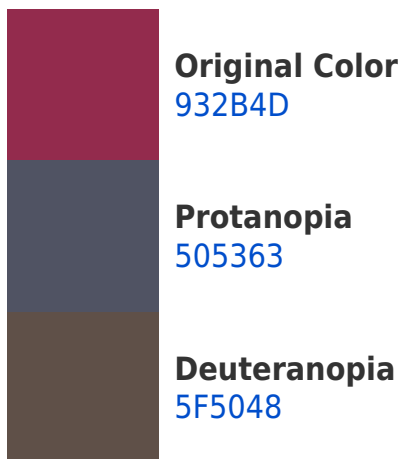



This preview shows how white text looks on a background with the Hex color 932B4D.

# 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**  
913133

# Trichromacy



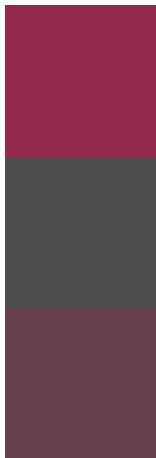
**Original Color**  
932B4D

**Protanomaly**  
68445B

**Deuteranomaly**  
72434A

**Tritanomaly**  
922F3C

# Monochromacy



**Original Color**  
932B4D

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
67414E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 932B4D 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 #932B4D looks like.

```
.text, #text, p{  
    color:#932B4D  
}
```

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 #932B4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #932B4D
}
```

## Border

The CSS property to change the border of an element to Hex 932B4D is called "border". The border property can be set on classes, ids or directly on the HTML element.

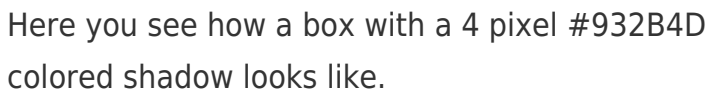
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#932B4D }
```

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

```
.border{ border-color:#932B4D }
```

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



Here you see how a box with a 4 pixel #932B4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #932B4D; -webkit-box-shadow:4px 4px  
4px 4px #932B4D; box-shadow:4px 4px 4px  
4px #932B4D }
```

# Background

The CSS property to change the background color of an element to Hex 932B4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#932B4D }
```

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

```
.background{ background-color:#932B4D }
```

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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