

# Converting Colors

Hex(932958)

Have a look what the booklet for  
Hex(932958) contains.

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**Color**

**Hex(932958)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	932958
RGB	147, 41, 88
RGB Percent	58%, 16%, 35%
CMY	0.4235, 0.8392, 0.6549
CMYK	0.00, 0.72, 0.40, 0.42
HSL	333°, 56%, 37%
HSV	333°, 72%, 58%
XYZ	14.5870, 8.4935, 10.1031
YIQ	78.0520, 48.0890, 37.0890

# Conversions

## Conversions Part 2

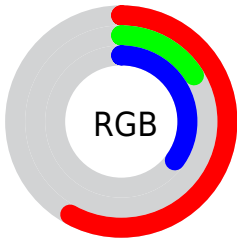
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 41, 88
Decimal	9644376
CIE <sub>Lab</sub>	34.99, 47.91, -2.63
CIE <sub>LCh</sub>	35, 47.985, 356.858
Yxy	8.4935, 0.4396, 0.2560
Android (android.graphics.Color)	4287834456 (0xFF932958)
YUV	78.0520, 4.9044, 60.4674
Hunter-Lab	29.1436, 38.3418, -0.1533

# Details

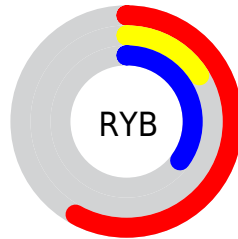
The Hex color **932958** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **299364**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **CD5F8A**, and **5C002B** is the 20% darker color. If you saturate the color by 10%, you get **931A50**, and if you desaturate by 10%, it is **933860**.

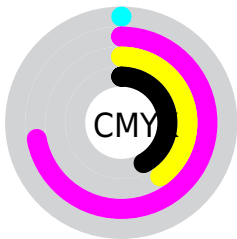
# Distribution



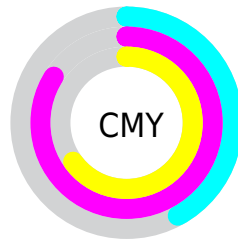
- Red (58%)
- Green (16%)
- Blue (35%)



- Red (58%)
- Yellow (16%)
- Blue (35%)



- Cyan (0%)
- Magenta (72%)
- Yellow (40%)
- Black (42%)



- Cyan (42%)
- Magenta (84%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 932958 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 932958 by changing the saturation by 10% instead.



 932958

 932958

FFFFFF

 770541

 CD5F8A

 5C002B

 EA7AA4

 410017

 FF95BF

 280001

 FFB1DB

 000000

 FFCDF7

 FFEAFF

 932958

 932958

 931A50

 933860

930C48

934668

930041

935571

936479

937281

938189

939091

939F99

93ADA2

# Harmonies

## Analogous

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



7C377D



932958



942E32

# Triad

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



932958



425A00



006092

# Complementary

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



932958



299364

# 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.



006374



932958



006025

# Square

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



932958



674F00



00634D



00589F

# Rectangle

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



932958



8B391B



00634D



00628A



# Sweetspot

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



932958



BF95A8



632993



614853



E0E0E0



616161



# Same Dimension

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



932958



BF1963



932E29



4A4346



8A003D



0A0005



# Inverse Universe

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



932958



BF1963



298E93



4A4346



8A003D

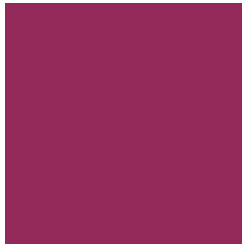


0A0005



# Previews

## White Background



This preview shows how the Hex color 932958 looks on a white background.

## Color Contrast Check

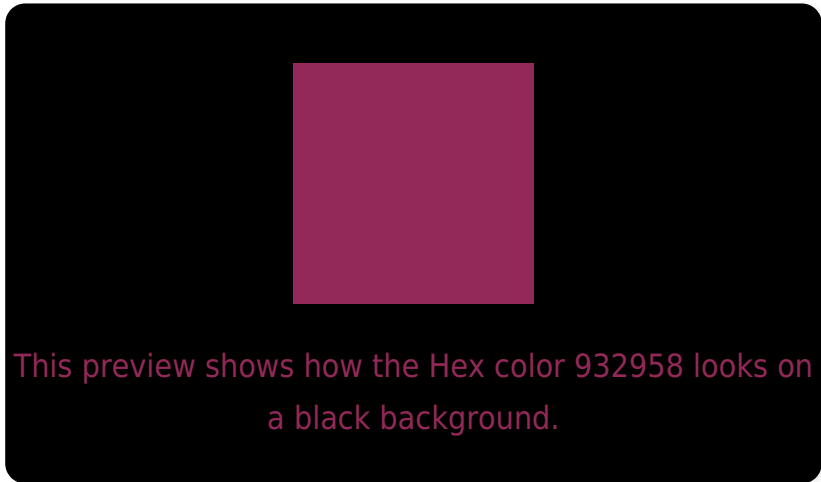
Large Text (above 18pt) WCAG AA ✓ Pass

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

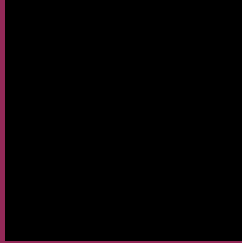
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 932958 Background



This preview shows how black text looks on a background with the Hex color 932958.



This preview shows how white text looks on a background with the Hex color 932958.

# 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**  
932958

**Protanopia**  
4A5272

**Deuteranopia**  
5C5153



**Tritanopia**  
913235

# Trichromacy



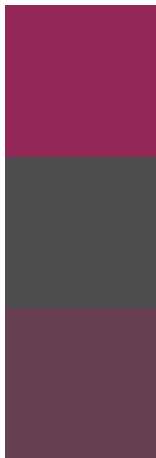
**Original Color**  
932958

**Protanomaly**  
654369

**Deuteranomaly**  
704255

**Tritanomaly**  
922F42

# Monochromacy



**Original Color**  
932958

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
674152

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 932958 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 #932958 looks like.

```
.text, #text, p{  
    color:#932958  
}
```

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 #932958 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #932958  
}
```

## Border

The CSS property to change the border of an element to Hex 932958 is called "border". The border property can be set on classes, ids or directly on the HTML element.

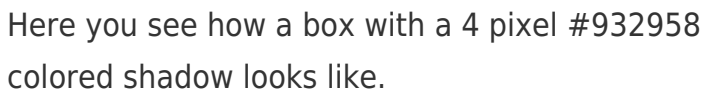
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#932958 }
```

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

```
.border{ border-color:#932958 }
```

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



Here you see how a box with a 4 pixel #932958 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #932958; -webkit-box-shadow:4px 4px  
4px 4px #932958; box-shadow:4px 4px 4px  
4px #932958 }
```

# Background

The CSS property to change the background color of an element to Hex 932958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#932958 }
```

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

```
.background{ background-color:#932958 }
```

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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