

# Converting Colors

Hex(942838)

Have a look what the booklet for  
Hex(942838) contains.

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**Color**

**Hex(942838)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	942838
RGB	148, 40, 56
RGB Percent	58%, 16%, 22%
CMY	0.4196, 0.8431, 0.7804
CMYK	0.00, 0.73, 0.62, 0.42
HSL	351°, 57%, 37%
HSV	351°, 73%, 58%
XYZ	13.6853, 8.0990, 4.5833
YIQ	74.1160, 59.2320, 27.8720

# Conversions

## Conversions Part 2

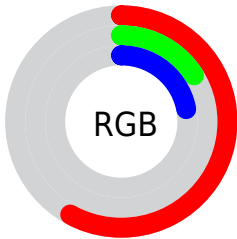
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 40, 56
Decimal	9709624
CIE <sub>Lab</sub>	34.19, 45.74, 16.96
CIE <sub>LCh</sub>	34, 48.779, 20.345
Yxy	8.0990, 0.5190, 0.3072
Android (android.graphics.Color)	4287899704 (0xFF942838)
YUV	74.1160, -8.9312, 64.7963
Hunter-Lab	28.4588, 36.0349, 10.3723

# Details

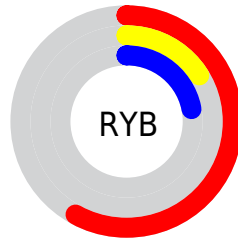
The Hex color **942838** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **289484**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **CF5D67**, and **5B000E** is the 20% darker color. If you saturate the color by 10%, you get **94192B**, and if you desaturate by 10%, it is **943745**.

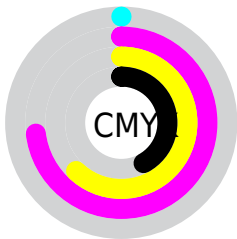
# Distribution



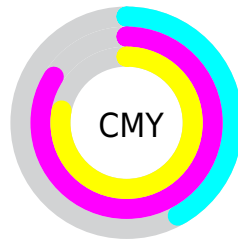
- Red (58%)
- Green (16%)
- Blue (22%)



- Red (58%)
- Yellow (16%)
- Blue (22%)



- Cyan (0%)
- Magenta (73%)
- Yellow (62%)
- Black (42%)



- Cyan (42%)
- Magenta (84%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 942838 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 942838 by changing the saturation by 10% instead.



 942838

 942838

FFFFFF

 770523

 CF5D67

 5B000E

 ED7880

 400000

 FF939A

 220001

 FFAFB4

 000000

 FFCBD0

 FFE8EC

 942838

 942838

 94192B

 943745

■ 940A1F

■ 944651

■ 940016

■ 94545E

■ 94636A

■ 947277

■ 948184

■ 949090

■ 949E9D

■ 94ADA9

# Harmonies

## Analogous

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



8F275F



942838



873914

# Triad

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



942838



0F5E1A



00599D

# Complementary

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



942838



289484

# 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.



00608C



942838



006142

# Square

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



942838



495600



00626A



324C9A

# Rectangle

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



942838



764500



00626A



005C9A



# Sweetspot

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



942838



BF959B



842894



61484B



E0E0E0



616161



# Same Dimension

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



942838



BF1730



944E28



4A4344



8A0014



0A0002



# Inverse Universe

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



942838



BF1730



286E94



4A4344



8A0014



0A0002



# Previews

## White Background



This preview shows how the Hex color 942838 looks on a white background.

## Color Contrast Check

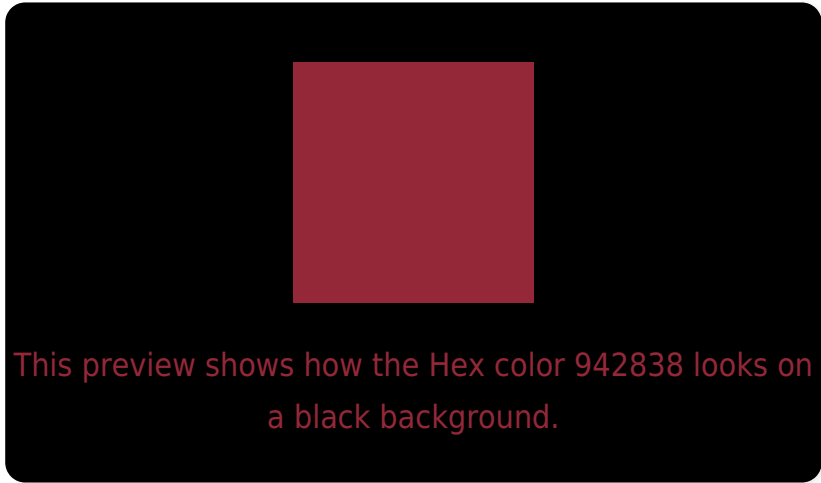
Large Text (above 18pt) WCAG AA ✓ Pass

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 942838 Background



This preview shows how black text looks on a background with the Hex color 942838.

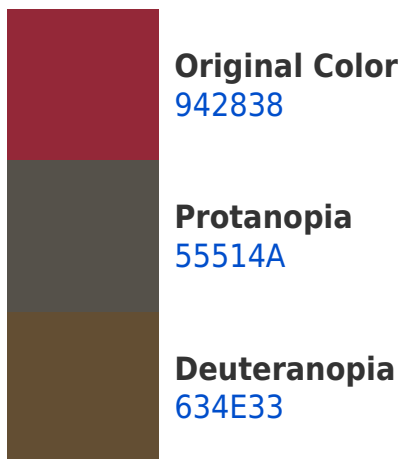


This preview shows how white text looks on a background with the Hex color 942838.

# 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](#).

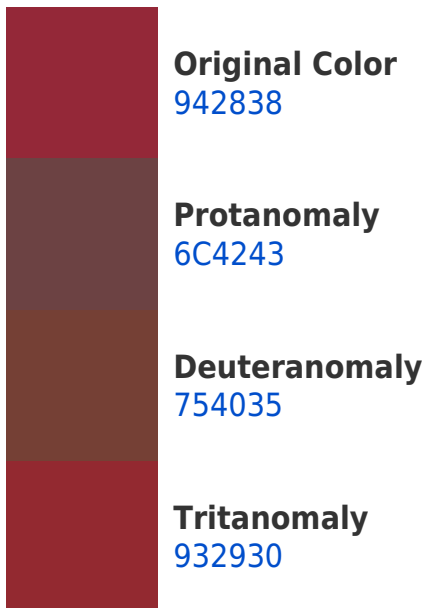
## Dichromacy



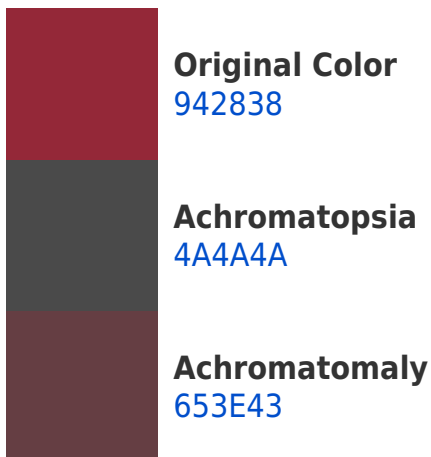


**Tritanopia**  
932A2C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 942838 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 #942838 looks like.

```
.text, #text, p{  
    color:#942838  
}
```

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 #942838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #942838
}
```

## Border

The CSS property to change the border of an element to Hex 942838 is called "border". The border property can be set on classes, ids or directly on the HTML element.

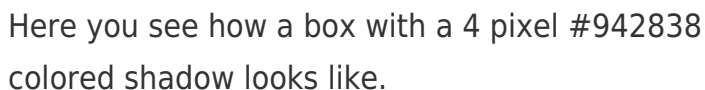
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#942838 }
```

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

```
.border{ border-color:#942838 }
```

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



Here you see how a box with a 4 pixel #942838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #942838; -webkit-box-shadow:4px 4px  
4px 4px #942838; box-shadow:4px 4px 4px  
4px #942838 }
```

# Background

The CSS property to change the background color of an element to Hex 942838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#942838 }
```

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

```
.background{ background-color:#942838 }
```

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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