

# Converting Colors

Hex(944147)

Have a look what the booklet for  
Hex(944147) contains.

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**Color**

**Hex(944147)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	944147
RGB	148, 65, 71
RGB Percent	58%, 25%, 28%
CMY	0.4196, 0.7451, 0.7216
CMYK	0.00, 0.56, 0.52, 0.42
HSL	356°, 39%, 42%
HSV	356°, 56%, 58%
XYZ	15.2404, 10.5314, 7.1907
YIQ	90.5010, 47.5420, 19.4620

# Conversions

## Conversions Part 2

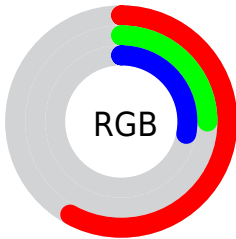
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 65, 71
Decimal	9716039
CIE <sub>Lab</sub>	38.78, 35.52, 13.61
CIE <sub>LCh</sub>	39, 38.034, 20.961
Yxy	10.5314, 0.4624, 0.3195
Android (android.graphics.Color)	4287906119 (0xFF944147)
YUV	90.5010, -9.6140, 50.4266
Hunter-Lab	32.4522, 27.0369, 9.5790

# Details

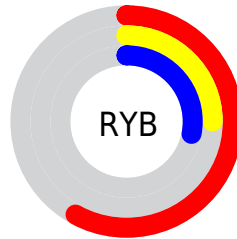
The Hex color **944147** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **41948E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **CD7477**, and **5D0D1C** is the 20% darker color. If you saturate the color by 10%, you get **943239**, and if you desaturate by 10%, it is **945055**.

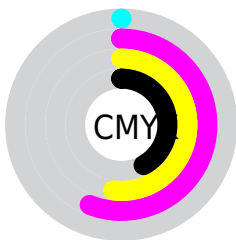
# Distribution



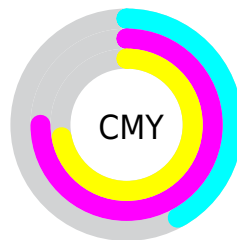
- Red (58%)
- Green (25%)
- Blue (28%)



- Red (58%)
- Yellow (25%)
- Blue (28%)



- Cyan (0%)
- Magenta (56%)
- Yellow (52%)
- Black (42%)



- Cyan (42%)
- Magenta (75%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 944147 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 944147 by changing the saturation by 10% instead.



 944147

 944147

FFFFFF

 782831

 CD7477

 5D0D1C

 EB8E91

 430001

 FFA9AB

 2B0001

 FFC5C7

 000000

 FFE1E3

FFFEFF

 944147

 944147

 943239

 945055

 94232C

 945F62

 94151E

 946D70

 940610

 947C7E

 94000B

 948B8C

 949A99

 94A9A7

 94B7B5

 94C6C3

# Harmonies

## Analogous

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



8F4166



944147



8A4B2C

# Triad

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



944147



326733



006198

# Complementary

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



944147



41948E

# 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.



00688B



944147



006A51

# Square

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



944147



57601D



006A70



4C5795

# Rectangle

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



944147



7C531F



006A70



006495



# Sweetspot

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



944147



BF9FA1



8D4194



614E4F



E0E0E0



616161



# Same Dimension

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



944147



BF3F48



946441



4A4343



8A000A



0A0001



# Inverse Universe

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



944147



BF3F48



417194



4A4343



8A000A

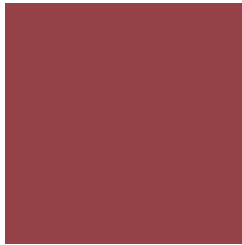


0A0001



# Previews

## White Background



This preview shows how the Hex color 944147 looks on a white background.

## Color Contrast Check

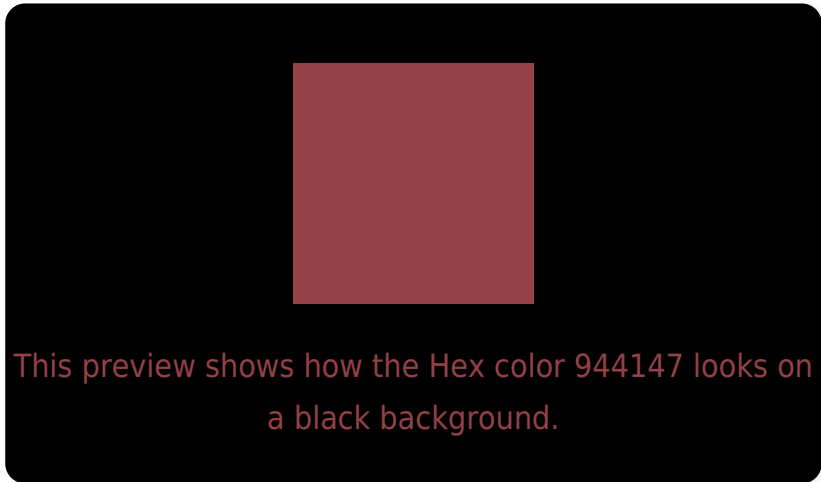
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 944147 Background



This preview shows how black text looks on a background with the Hex color 944147.

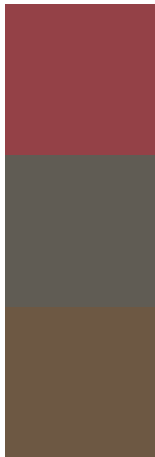


This preview shows how white text looks on a background with the Hex color 944147.

# 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**  
944147

**Protanopia**  
605C54

**Deuteranopia**  
6D5843



**Tritanopia**  
944146

# Trichromacy



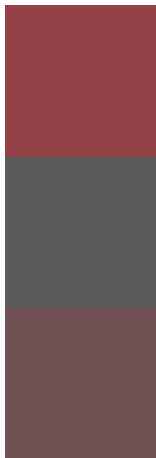
**Original Color**  
944147

**Protanomaly**  
73524F

**Deuteranomaly**  
7B5044

**Tritanomaly**  
944146

# Monochromacy



**Original Color**  
944147

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
705254

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 944147 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 #944147 looks like.

```
.text, #text, p{  
    color:#944147  
}
```

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 #944147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944147
}
```

## Border

The CSS property to change the border of an element to Hex 944147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

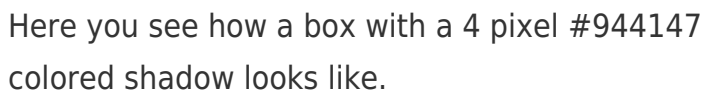
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944147 }
```

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

```
.border{ border-color:#944147 }
```

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



Here you see how a box with a 4 pixel #944147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944147; -webkit-box-shadow:4px 4px  
4px 4px #944147; box-shadow:4px 4px 4px  
4px #944147 }
```

# Background

The CSS property to change the background color of an element to Hex 944147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944147 }
```

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

```
.background{ background-color:#944147 }
```

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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