

# Converting Colors

Hex(940517)

Have a look what the booklet for  
Hex(940517) contains.

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**Color**

**Hex(940517)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	940517
RGB	148, 5, 23
RGB Percent	58%, 2%, 9%
CMY	0.4196, 0.9804, 0.9098
CMYK	0.00, 0.97, 0.84, 0.42
HSL	352°, 93%, 30%
HSV	352°, 97%, 58%
XYZ	12.4217, 6.4663, 1.4040
YIQ	49.8090, 79.4500, 35.9140

# Conversions

## Conversions Part 2

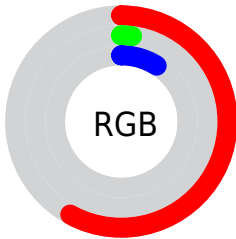
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 5, 23
Decimal	9700631
CIELab	30.56, 53.05, 33.38
CIELCh	31, 62.675, 32.176
Yxy	6.4663, 0.6121, 0.3187
Android (android.graphics.Color)	4287890711 (0xFF940517)
YUV	49.8090, -13.2168, 86.1135
Hunter-Lab	25.4289, 42.6941, 14.5266

# Details

The Hex color **940517** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **059482**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **D14A43**, and **580000** is the 20% darker color. If you saturate the color by 10%, you get **940013**, and if you desaturate by 10%, it is **941424**.

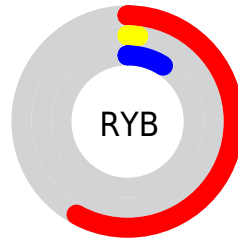
# Distribution



Red (58%)

Green (2%)

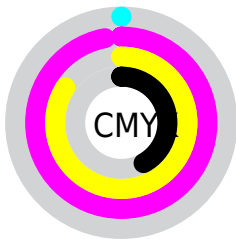
Blue (9%)



Red (58%)

Yellow (2%)

Blue (9%)

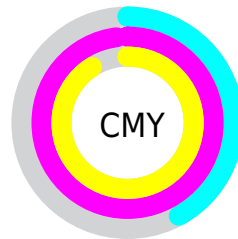


Cyan (0%)

Magenta (97%)

Yellow (84%)

Black (42%)



Cyan (42%)

Magenta (98%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 940517 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 940517 by changing the saturation by 10% instead.



 940517

 940517

 FFFFFB

 760000

 D14A43

 580000

 F1655A

 3D0002

 FF8173

 190001

 FF9C8D

 000000

 FFB9A7

 FFD5C3

 FFF2DF

 940517

 940517

■ 940013

■ 941424

■ 942331

■ 94313E

■ 94404B

■ 944F58

■ 945E65

■ 946D72

■ 947B7E

■ 948A8B

# Harmonies

## Analogous

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



990047



940517



7C3200

# Triad

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



940517



005914



004EAC

# Complementary

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



940517



059482

# 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.



00589F



940517



005B4A

# Square

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



940517



225300



005C7B



43389C

# Rectangle

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



940517



644200



005C7B



0052AB



# Sweetspot

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



940517



BF888F



810594



613F43



E0E0E0



616161



# Same Dimension

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



940517



BF0018



943905



4A4343



8A0011



0A0001



# Inverse Universe

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



940517



BF0018



056094



4A4343



8A0011

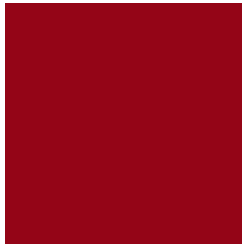


0A0001



# Previews

## White Background



This preview shows how the Hex color 940517 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 940517 Background



This preview shows how black text looks on a background with the Hex color 940517.



This preview shows how white text looks on a background with the Hex color 940517.

# 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**  
940517

**Protanopia**  
534B25

**Deuteranopia**  
5F4700



**Tritanopia**  
930D00

# Trichromacy



**Original Color**  
940517

**Protanomaly**  
6B3220

**Deuteranomaly**  
722F08

**Tritanomaly**  
930A08

# Monochromacy



**Original Color**  
940517

**Achromatopsia**  
323232

**Achromatomaly**  
562228

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 940517 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 #940517 looks like.

```
.text, #text, p{  
    color:#940517  
}
```

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 #940517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940517
}
```

## Border

The CSS property to change the border of an element to Hex 940517 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".

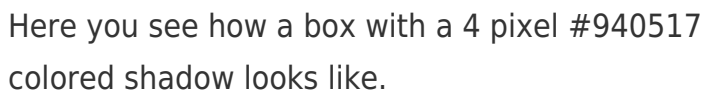
```
.border, #border, table{ border:4px solid
#940517 }
```

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

```
.border{ border-color:#940517 }
```

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

Here you see how a box with a 4 pixel #940517 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #940517 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940517; -webkit-box-shadow:4px 4px  
4px 4px #940517; box-shadow:4px 4px 4px  
4px #940517 }
```

# Background

The CSS property to change the background color of an element to Hex 940517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940517 }
```

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

```
.background{ background-color:#940517 }
```

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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