

# Converting Colors

Hex(951929)

Have a look what the booklet for  
Hex(951929) contains.

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# Color

**Hex(951929)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	951929
RGB	149, 25, 41
RGB Percent	58%, 10%, 16%
CMY	0.4157, 0.9020, 0.8392
CMYK	0.00, 0.83, 0.72, 0.42
HSL	352°, 71%, 34%
HSV	352°, 83%, 58%
XYZ	13.1423, 7.2449, 2.8036
YIQ	63.9000, 68.7680, 31.2640

# Conversions

## Conversions Part 2

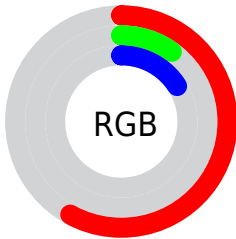
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 25, 41
Decimal	9771305
CIELab	32.36, 50.11, 24.32
CIElCh	32, 55.701, 25.886
Yxy	7.2449, 0.5667, 0.3124
Android (android.graphics.Color)	4287961385 (0xFF951929)
YUV	63.9000, -11.2897, 74.6327
Hunter-Lab	26.9164, 40.0514, 12.6659

# Details

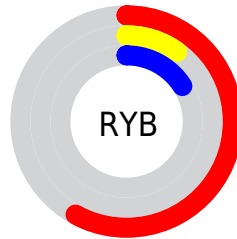
The Hex color **951929** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **199585**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **D15356**, and **5B0000** is the 20% darker color. If you saturate the color by 10%, you get **950A1C**, and if you desaturate by 10%, it is **952836**.

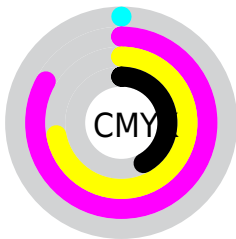
# Distribution



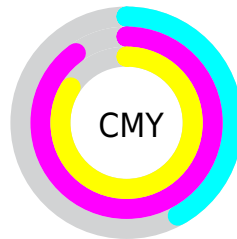
- Red (58%)
- Green (10%)
- Blue (16%)



- Red (58%)
- Yellow (10%)
- Blue (16%)



- Cyan (0%)
- Magenta (83%)
- Yellow (72%)
- Black (42%)



- Cyan (42%)
- Magenta (90%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 951929 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 951929 by changing the saturation by 10% instead.



 951929

 951929

FFFFFF

 770015

 D15356

 5B0000

 F06E6E

 3F0001

 FF8988

 1F0001

 FFA5A2

 000000

 FFC1BD

 FFDED9

 FFFBF5

 951929

 951929

■ 950A1C

■ 952836

■ 950013

■ 953743

■ 954650

■ 95555D

■ 95636A

■ 957277

■ 958184

■ 959091

■ 959F9E

# Harmonies

## Analogous

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



940D54



951929



823400

# Triad

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



951929



005B15



0054A5

# Complementary

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



951929



199585

# 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.



005C95



951929



005E45

# Square

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



951929



395500



005F71



37439C

# Rectangle

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



951929



6F4300



005F71



0057A2



# Sweetspot

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



951929



C29198



841995



614448



E0E0E0



616161



# Same Dimension

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



951929



C20019



954619



4A4344



8A0012



0A0001



# Inverse Universe

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



951929



C20019



196895



4A4344



8A0012

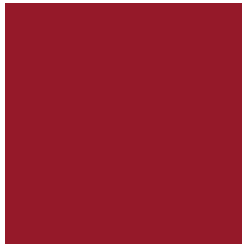


0A0001



# Previews

## White Background



This preview shows how the Hex color 951929 looks on a white background.

## Color Contrast Check

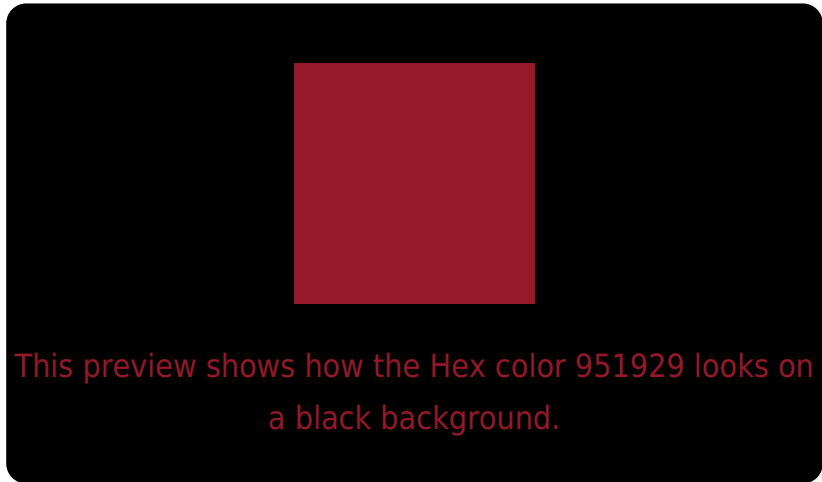
Large Text (above 18pt) WCAG AA ✓ Pass

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 951929 Background



This preview shows how black text looks on a background with the Hex color 951929.



This preview shows how white text looks on a background with the Hex color 951929.

# 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**  
951929

**Protanopia**  
534E3B

**Deuteranopia**  
614A22



**Tritanopia**  
951C1B

# Trichromacy



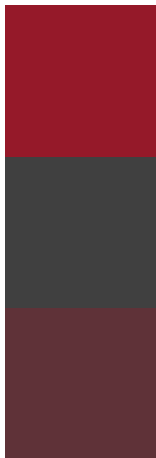
**Original Color**  
951929

**Protanomaly**  
6B3B34

**Deuteranomaly**  
743825

**Tritanomaly**  
951B20

# Monochromacy



**Original Color**  
951929

**Achromatopsia**  
404040

**Achromatomaly**  
5F3238

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 951929 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 #951929 looks like.

```
.text, #text, p{  
    color:#951929  
}
```

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 #951929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #951929
}
```

## Border

The CSS property to change the border of an element to Hex 951929 is called "border". The border property can be set on classes, ids or directly on the HTML element.

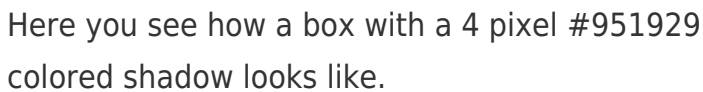
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#951929 }
```

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

```
.border{ border-color:#951929 }
```

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



Here you see how a box with a 4 pixel #951929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #951929; -webkit-box-shadow:4px 4px  
4px 4px #951929; box-shadow:4px 4px 4px  
4px #951929 }
```

# Background

The CSS property to change the background color of an element to Hex 951929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#951929 }
```

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

```
.background{ background-color:#951929 }
```

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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