

# Converting Colors

Hex(951816)

Have a look what the booklet for  
Hex(951816) contains.

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**Color**

**Hex(951816)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	951816
RGB	149, 24, 22
RGB Percent	58%, 9%, 9%
CMY	0.4157, 0.9059, 0.9137
CMYK	0.00, 0.84, 0.85, 0.42
HSL	1°, 74%, 34%
HSV	1°, 85%, 58%
XYZ	12.8659, 7.1008, 1.4515
YIQ	61.1470, 75.1420, 25.8780

# Conversions

## Conversions Part 2

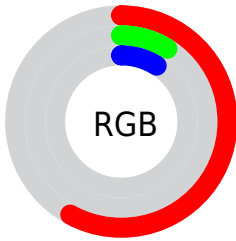
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 24, 22
Decimal	9771030
CIE <sub>Lab</sub>	32.04, 49.68, 35.40
CIE <sub>LCh</sub>	32, 60.999, 35.471
Yxy	7.1008, 0.6007, 0.3315
Android (android.graphics.Color)	4287961110 (0xFF951816)
YUV	61.1470, -19.2995, 77.0471
Hunter-Lab	26.6472, 39.5511, 15.4234

# Details

The Hex color **951816** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **169395**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **D25242**, and **590000** is the 20% darker color. If you saturate the color by 10%, you get **950907**, and if you desaturate by 10%, it is **952725**.

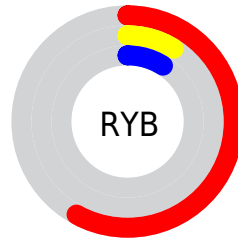
# Distribution



Red (58%)

Green (9%)

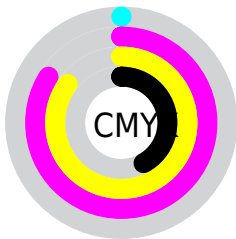
Blue (9%)



Red (58%)

Yellow (9%)

Blue (9%)

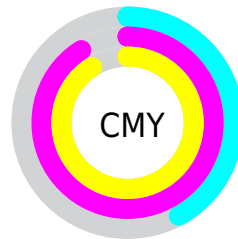


Cyan (0%)

Magenta (84%)

Yellow (85%)

Black (42%)



Cyan (42%)

Magenta (91%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 951816 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 951816 by changing the saturation by 10% instead.



 951816

 951816

 FFFFFB

 770000

 D25242

 590000

 F16D5A

 3E0001

 FF8873

 1D0001

 FFA48D

 000000

 FFC0A7

 FFDDC2

 FFFADE

 951816

 951816

■ 950907

■ 952725

■ 950200

■ 953534

■ 954443

■ 955352

■ 956161

■ 95706F

■ 957F7E

■ 958D8D

■ 959C9C

# Harmonies

## Analogous

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



9C0045



951816



7C3900

# Triad

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



951816



005D20



004FAC

# Complementary

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



951816



169395

# 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.



005BA3



951816



005F53

# Square

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



951816



1F5700



005F82



52399B

# Rectangle

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



951816



634700



005F82



0054AD



# Sweetspot

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



951816



C2908F



951695



614343



E0E0E0



616161



# Same Dimension

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



951816



C20300



955616



4A4343



8A0200



0A0000



# Inverse Universe

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



169395



00BFC2



165695



434A4A



00888A



000A0A



# Previews

## White Background



This preview shows how the Hex color 951816 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 951816 Background



This preview shows how black text looks on a background with the Hex color 951816.



This preview shows how white text looks on a background with the Hex color 951816.

# 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**  
951816

**Protanopia**  
564D23

**Deuteranopia**  
624900



**Tritanopia**  
951817

# Trichromacy



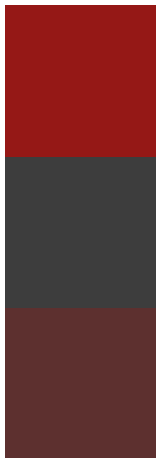
**Original Color**  
951816

**Protanomaly**  
6D3A1E

**Deuteranomaly**  
753708

**Tritanomaly**  
951817

# Monochromacy



**Original Color**  
951816

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
5D302F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 951816 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 #951816 looks like.

```
.text, #text, p{  
    color:#951816  
}
```

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 #951816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #951816
}
```

## Border

The CSS property to change the border of an element to Hex 951816 is called "border". The border property can be set on classes, ids or directly on the HTML element.

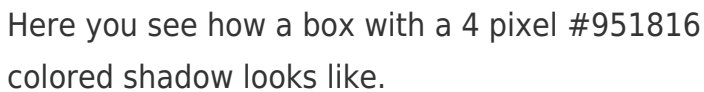
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#951816 }
```

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

```
.border{ border-color:#951816 }
```

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



Here you see how a box with a 4 pixel #951816 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #951816; -webkit-box-shadow:4px 4px  
4px 4px #951816; box-shadow:4px 4px 4px  
4px #951816 }
```

# Background

The CSS property to change the background color of an element to Hex 951816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#951816 }
```

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

```
.background{ background-color:#951816 }
```

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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