

# Converting Colors

Hex(93151D)

Have a look what the booklet for  
Hex(93151D) contains.

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# Color

**Hex(93151D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93151D
RGB	147, 21, 29
RGB Percent	58%, 8%, 11%
CMY	0.4235, 0.9176, 0.8863
CMYK	0.00, 0.86, 0.80, 0.42
HSL	356°, 75%, 33%
HSV	356°, 86%, 58%
XYZ	12.5226, 6.8281, 1.8203
YIQ	59.5860, 72.5280, 29.2000

# Conversions

## Conversions Part 2

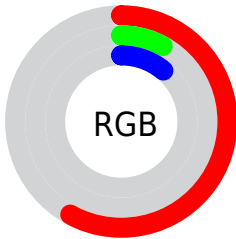
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 21, 29
Decimal	9639197
CIE <sub>Lab</sub>	31.41, 50.06, 30.61
CIE <sub>LCh</sub>	31, 58.673, 31.441
Yxy	6.8281, 0.5915, 0.3225
Android (android.graphics.Color)	4287829277 (0xFF93151D)
YUV	59.5860, -15.0789, 76.6621
Hunter-Lab	26.1306, 39.8139, 14.1611

# Details

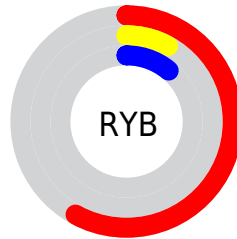
The Hex color **93151D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **15938B**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **D05049**, and **580000** is the 20% darker color. If you saturate the color by 10%, you get **93060F**, and if you desaturate by 10%, it is **93242B**.

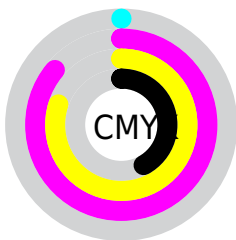
# Distribution



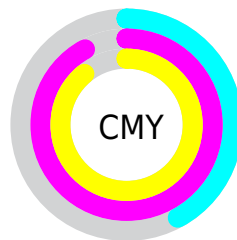
- Red (58%)
- Green (8%)
- Blue (11%)



- Red (58%)
- Yellow (8%)
- Blue (11%)



- Cyan (0%)
- Magenta (86%)
- Yellow (80%)
- Black (42%)



- Cyan (42%)
- Magenta (92%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93151D 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 93151D by changing the saturation by 10% instead.



 93151D

 93151D

FFFFFF

 750006

 D05049

 580000

 EF6B61

 3C0002

 FF867A

 1A0001

 FFA294

 000000

 FFBEAF

 FFDBCA

 FFF8E6

 93151D

 93151D

■ 93060F

■ 93242B

■ 930009

■ 933239

■ 934146

■ 935054

■ 935E62

■ 936D70

■ 937C7D

■ 938B8B

■ 939999

# Harmonies

## Analogous

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



97004A



93151D



7D3500

# Triad

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



93151D



005A19



0050A7

# Complementary

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



93151D



15938B

# 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.



005A9B



93151D



005D4B

# Square

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



93151D



2A5400



005D79



453C9A

# Rectangle

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



93151D



664300



005D79



0054A6



# Sweetspot

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



93151D



BF8E91



8B1593



614345



E0E0E0



616161



# Same Dimension

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



93151D



BF000C



934C15



4A4343



8A0009



0A0001



# Inverse Universe

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



93151D



BF000C



155C93



4A4343



8A0009



0A0001



# Previews

## White Background



This preview shows how the Hex color 93151D looks on a white background.

## Color Contrast Check

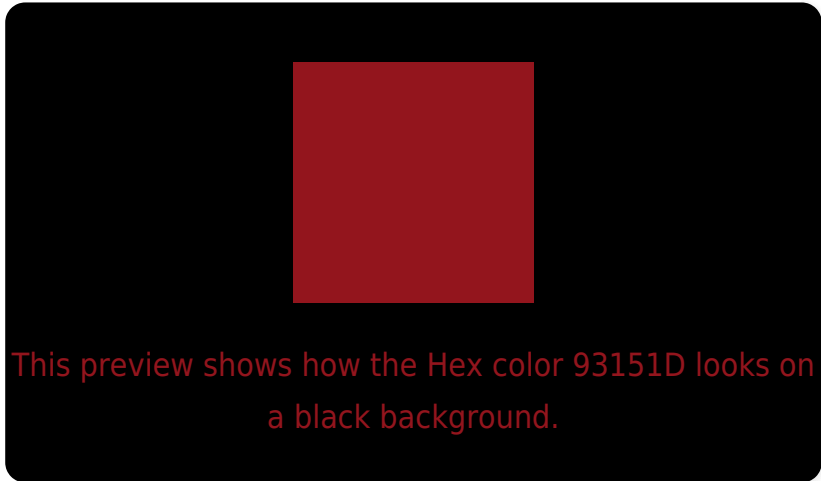
Large Text (above 18pt) WCAG AA ✓ Pass

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 93151D Background



This preview shows how black text looks on a background with the Hex color 93151D.

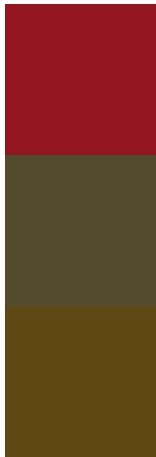


This preview shows how white text looks on a background with the Hex color 93151D.

# 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**  
93151D

**Protanopia**  
534C2C

**Deuteranopia**  
604812



# Trichromacy



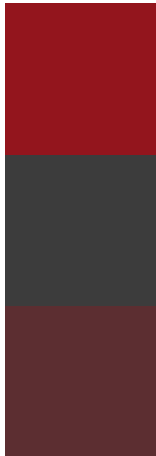
**Original Color**  
93151D

**Protanomaly**  
6A3827

**Deuteranomaly**  
733516

**Tritanomaly**  
931618

# Monochromacy



**Original Color**  
93151D

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
5C2E31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93151D 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 #93151D looks like.

```
.text, #text, p{  
    color:#93151D  
}
```

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 #93151D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93151D }  
}
```

## Border

The CSS property to change the border of an element to Hex 93151D 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 #93151D }  
}
```

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

```
.border{ border-color:#93151D }
```

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

Here you see how a box with a 4 pixel #93151D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93151D; -webkit-box-shadow:4px 4px  
4px 4px #93151D; box-shadow:4px 4px 4px  
4px #93151D }
```

# Background

The CSS property to change the background color of an element to Hex 93151D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93151D }
```

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

```
.background{ background-color:#93151D }
```

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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