

# Converting Colors

Hex(9A3135)

Have a look what the booklet for  
Hex(9A3135) contains.

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# Color

Hex(9A3135)

# Conversions

## Conversions Part 1

Format	Color
Hex	9A3135
RGB	154, 49, 53
RGB Percent	60%, 19%, 21%
CMY	0.3961, 0.8078, 0.7922
CMYK	0.00, 0.68, 0.66, 0.40
HSL	358°, 52%, 40%
HSV	358°, 68%, 60%
XYZ	15.0673, 9.3237, 4.3737
YIQ	80.8510, 61.2960, 23.5040

# Conversions

## Conversions Part 2

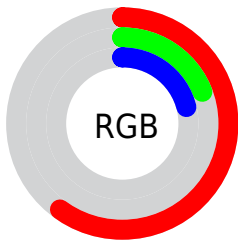
Format	Color
<b>R<sub>YB</sub></b>	154, 49, 53
Decimal	10105141
CIE Lab	36.60, 43.88, 22.19
CIE LCh	37, 49.174, 26.831
Yxy	9.3237, 0.5238, 0.3241
Android (android.graphics.Color)	4288295221 (0xFF9A3135)
YUV	80.8510, -13.7305, 64.1517
Hunter-Lab	30.5347, 34.6450, 12.8818

# Details

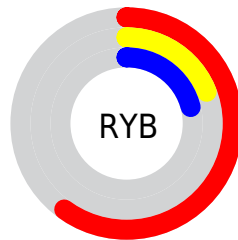
The Hex color **9A3135** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **319A96**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **D56564**, and **600009** is the 20% darker color. If you saturate the color by 10%, you get **9A2226**, and if you desaturate by 10%, it is **9A4044**.

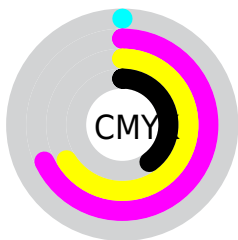
# Distribution



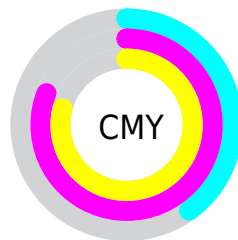
- Red (60%)
- Green (19%)
- Blue (21%)



- Red (60%)
- Yellow (19%)
- Blue (21%)



- Cyan (0%)
- Magenta (68%)
- Yellow (66%)
- Black (40%)



- Cyan (40%)
- Magenta (81%)
- Yellow (79%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A3135 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 9A3135 by changing the saturation by 10% instead.





9A3135



9A3135

FFFFFF



7D1420



D56564



600009



F4807D



440000



FF9B96



2A0001



FFB7B1



000000



FFD3CD



FFF0E9



9A3135



9A3135



9A2226



9A4044

 9A1217

 9A5053

 9A0309

 9A5F61

 9A0006

 9A6F70

 9A7E7F

 9A8D8E

 9A9D9D

 9AACAC

 9ABCBA

# Harmonies

## Analogous

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



992C5C



9A3135



894310

# Triad

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



9A3135



006528



005CA5

# Complementary

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



9A3135



319A96

# 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.



006598



9A3135



006851

# Square

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



9A3135



465E00



006879



4C4D9D

# Rectangle

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



9A3135



774E00



006879



0060A3



# Sweetspot

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



9A3135



C9A1A3



95319A



664E4E



E6E6E6



666666



# Same Dimension

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



9A3135



C9242B



9A6031



4D4545



8C0005



0D0000



# Inverse Universe

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



9A3135



C9242B



316B9A



4D4545



8C0005



0D0000



# Previews

## White Background



This preview shows how the Hex color 9A3135 looks on a white background.

## Color Contrast Check

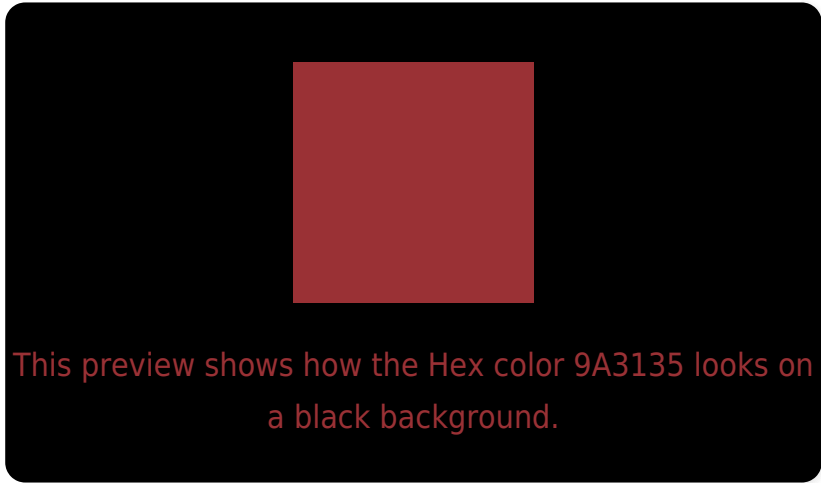
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A3135 Background



This preview shows how black text looks on a background with the Hex color 9A3135.

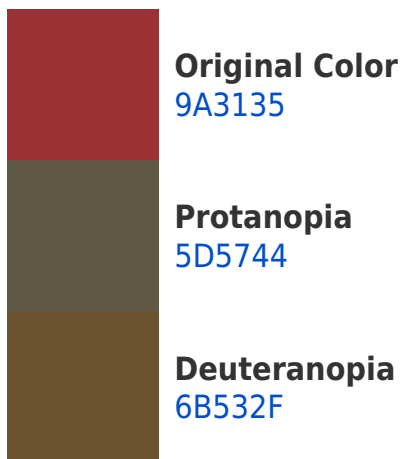



This preview shows how white text looks on a background with the Hex color 9A3135.

# 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





**Tritanopia**  
9A3134

# Trichromacy



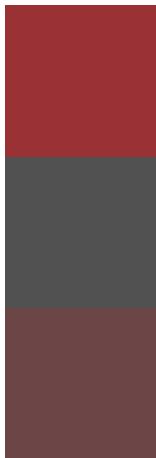
**Original Color**  
9A3135

**Protanomaly**  
73493F

**Deuteranomaly**  
7C4731

**Tritanomaly**  
9A3134

# Monochromacy



**Original Color**  
9A3135

**Achromatopsia**  
515151

**Achromatomaly**  
6C4547

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A3135 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 #9A3135 looks like.

```
.text, #text, p{  
    color:#9A3135  
}
```

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 #9A3135 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A3135
}
```

## Border

The CSS property to change the border of an element to Hex 9A3135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

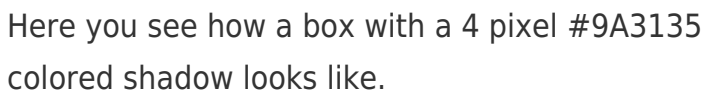
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A3135 }
```

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

```
.border{ border-color:#9A3135 }
```

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



Here you see how a box with a 4 pixel #9A3135 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A3135; -webkit-box-shadow:4px 4px  
4px 4px #9A3135; box-shadow:4px 4px 4px  
4px #9A3135 }
```

# Background

The CSS property to change the background color of an element to Hex 9A3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A3135 }
```

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

```
.background{ background-color:#9A3135 }
```

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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