

Converting Colors

Hex(9A2327)

Have a look what the booklet for
Hex(9A2327) contains.

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Color

Hex(9A2327)

Conversions

Conversions Part 1

Format	Color
Hex	9A2327
RGB	154, 35, 39
RGB Percent	60%, 14%, 15%
CMY	0.3961, 0.8627, 0.8471
CMYK	0.00, 0.77, 0.75, 0.40
HSL	358°, 63%, 37%
HSV	358°, 77%, 60%
XYZ	14.2937, 8.2186, 2.7524
YIQ	71.0370, 69.6400, 26.4720

Conversions

Conversions Part 2

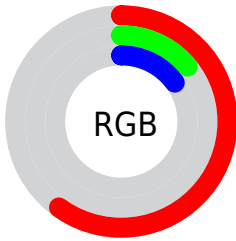
Format	Color
R_{YB}	154, 35, 39
Decimal	10101543
CIE _{Lab}	34.43, 48.50, 28.26
CIE _{LCh}	34, 56.135, 30.225
Yxy	8.2186, 0.5658, 0.3253
Android (android.graphics.Color)	4288291623 (0xFF9A2327)
YUV	71.0370, -15.7942, 72.7586
Hunter-Lab	28.6681, 38.8296, 14.3752

Details

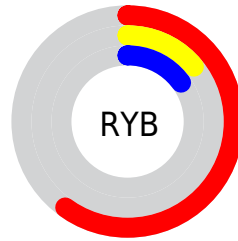
The Hex color **9A2327** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **239A96**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **D75A54**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **9A1418**, and if you desaturate by 10%, it is **9A3236**.

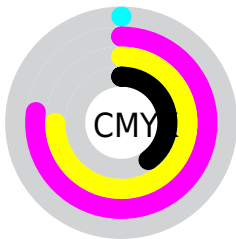
Distribution



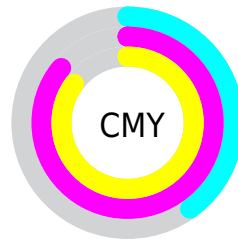
- Red (60%)
- Green (14%)
- Blue (15%)



- Red (60%)
- Yellow (14%)
- Blue (15%)



- Cyan (0%)
- Magenta (77%)
- Yellow (75%)
- Black (40%)



- Cyan (40%)
- Magenta (86%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A2327 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 9A2327 by changing the saturation by 10% instead.

 9A2327

 9A2327

FFFFFF

 7C0013

 D75A54

 5F0000

 F5756D

 420000

 FF9086

 260001

 FFACA0

 000000

 FFC8BB

 FFE5D7

 FFFFF3

 9A2327

 9A2327

 9A1418

 9A3236

 9A0409

 9A4245

 9A0005

 9A5154

 9A6163

 9A7071

 9A7F80

 9A8F8F

 9A9E9E

 9AAEAD

Harmonies

Analogous

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



9C1453



9A2327



853C00

Triad

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



9A2327



006121



0057AB

Complementary

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



9A2327



239A96

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.



00609F



9A2327



006450

Square

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



9A2327



365B00



00647D



4B459F

Rectangle

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



9A2327



6F4A00



00647D



005BAA

Sweetspot

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



9A2327



C99B9D



94239A



66494A



E6E6E6



666666

Same Dimension

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



9A2327



C90E14



9A5923



4D4545



8C0005



0D0000

Inverse Universe

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



9A2327



C90E14



23649A



4D4545



8C0005



0D0000

Previews

White Background



This preview shows how the Hex color 9A2327 looks on a white background.

Color Contrast Check

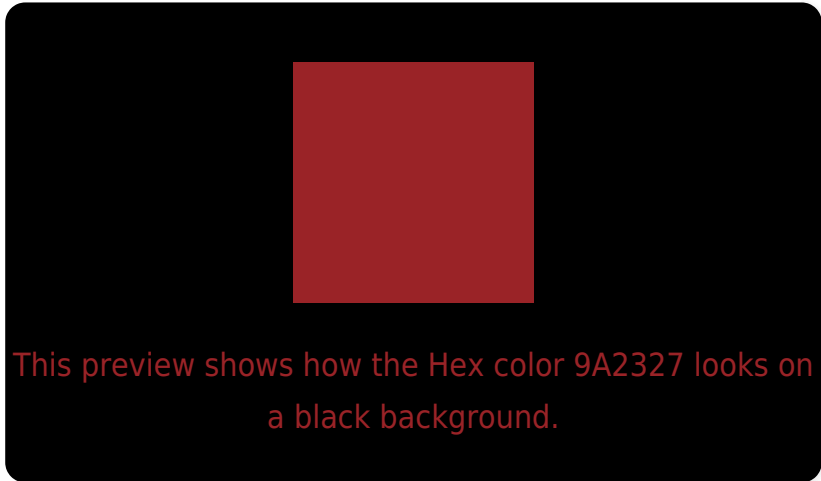
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A2327 Background



This preview shows how black text looks on a background with the Hex color 9A2327.



This preview shows how white text looks on a background with the Hex color 9A2327.

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
9A2327

Protanopia
595236

Deuteranopia
674E1F



Tritanopia
9A2324

Trichromacy



Original Color
9A2327

Protanomaly
714131

Deuteranomaly
7A3E22

Tritanomaly
9A2325

Monochromacy



Original Color
9A2327

Achromatopsia
474747

Achromatomaly
653A3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A2327 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 #9A2327 looks like.

```
.text, #text, p{  
    color:#9A2327  
}
```

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 #9A2327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A2327
}
```

Border

The CSS property to change the border of an element to Hex 9A2327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

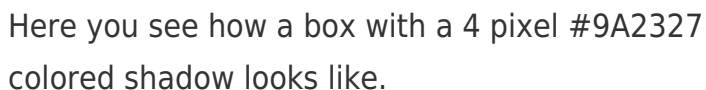
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A2327 }
```

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

```
.border{ border-color:#9A2327 }
```

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



Here you see how a box with a 4 pixel #9A2327 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A2327; -webkit-box-shadow:4px 4px  
4px 4px #9A2327; box-shadow:4px 4px 4px  
4px #9A2327 }
```

Background

The CSS property to change the background color of an element to Hex 9A2327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A2327 }
```

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

```
.background{ background-color:#9A2327 }
```

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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