

Converting Colors

Hex(8A2A31)

Have a look what the booklet for
Hex(8A2A31) contains.

Hex(8A2A31)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8A2A31)

Conversions

Conversions Part 1

Format	Color
Hex	8A2A31
RGB	138, 42, 49
RGB Percent	54%, 16%, 19%
CMY	0.4588, 0.8353, 0.8078
CMYK	0.00, 0.70, 0.64, 0.46
HSL	356°, 53%, 35%
HSV	356°, 70%, 54%
XYZ	11.8636, 7.2810, 3.6858
YIQ	71.5020, 54.9690, 22.5290

Conversions

Conversions Part 2

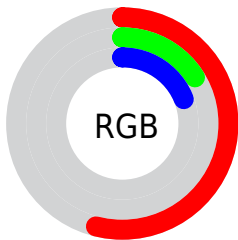
Format	Color
R_{YB}	138, 42, 49
Decimal	9054769
CIE Lab	32.44, 41.09, 18.82
CIE LCh	32, 45.197, 24.603
Yxy	7.2810, 0.5196, 0.3189
Android (android.graphics.Color)	4287244849 (0xFF8A2A31)
YUV	71.5020, -11.0935, 58.3187
Hunter-Lab	26.9832, 31.2594, 10.7895

Details

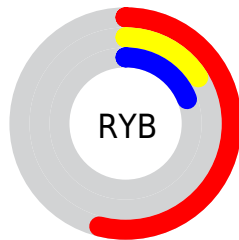
The Hex color **8A2A31** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2A8A83**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **C45E5F**, and **520003** is the 20% darker color. If you saturate the color by 10%, you get **8A1C24**, and if you desaturate by 10%, it is **8A383E**.

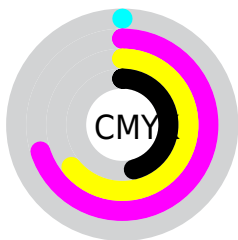
Distribution



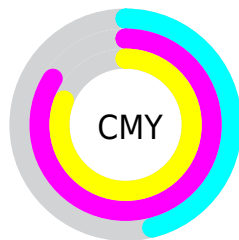
- Red (54%)
- Green (16%)
- Blue (19%)



- Red (54%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (70%)
- Yellow (64%)
- Black (46%)



- Cyan (46%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A2A31 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 8A2A31 by changing the saturation by 10% instead.

 8A2A31

 8A2A31

FFFFFF

 6E0C1C

 C45E5F

 520003

 E27878

 380001

 FF9391

 130000

 FFAEAC

 000000

 FFCAC7

 FFE7E3

 8A2A31

 8A2A31

 8A1C24

 8A383E

■ 8A0E17

■ 8A464B

■ 8A010B

■ 8A5357

■ 8A000A

■ 8A6164

■ 8A6F71

■ 8A7D7E

■ 8A8B8B

■ 8A9897

■ 8AA6A4

Harmonies

Analogous

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



882754



8A2A31



7C3910

Triad

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



8A2A31



025920



005394

Complementary

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



8A2A31



2A8A83

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.



005A86



8A2A31



005C44

Square

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



8A2A31



405300



005C69



3D468E

Rectangle

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



8A2A31



6C4400



005C69



005691

Sweetspot

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



8A2A31



B38D90



822A8A



594345



D9D9D9



595959

Same Dimension

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



8A2A31



B31E29



8A522A



453E3E



85000A



050000

Inverse Universe

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



8A2A31



B31E29



2A628A



453E3E



85000A



050000

Previews

White Background



This preview shows how the Hex color 8A2A31 looks on a white background.

Color Contrast Check

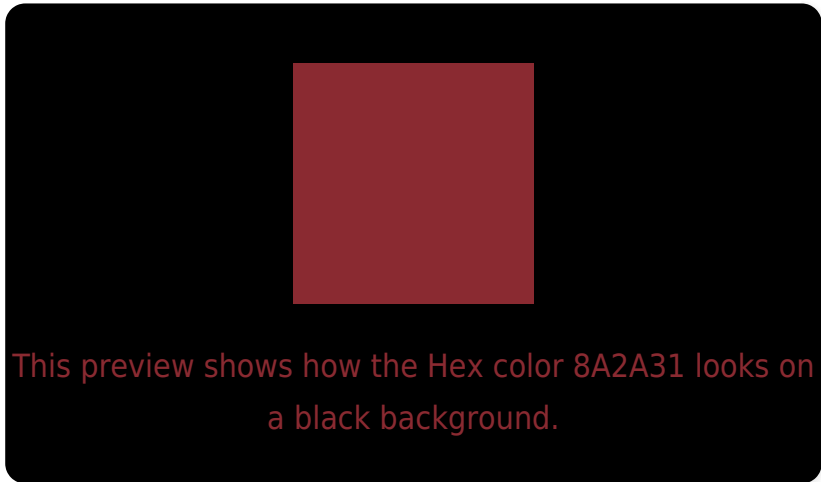
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A2A31 Background



This preview shows how black text looks on a background with the Hex color 8A2A31.



This preview shows how white text looks on a background with the Hex color 8A2A31.

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
8A2A31

Protanopia
524D3F

Deuteranopia
5E4A2C



Tritanopia
8A2B2D

Trichromacy



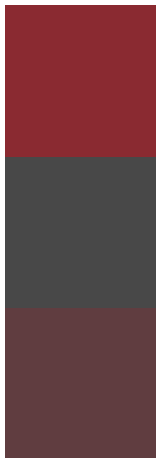
Original Color
8A2A31

Protanomaly
66403A

Deuteranomaly
6E3E2E

Tritanomaly
8A2B2E

Monochromacy



Original Color
8A2A31

Achromatopsia
484848

Achromatomaly
603D40

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A2A31 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 #8A2A31 looks like.

```
.text, #text, p{  
    color:#8A2A31  
}
```

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 #8A2A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A2A31
}
```

Border

The CSS property to change the border of an element to Hex 8A2A31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

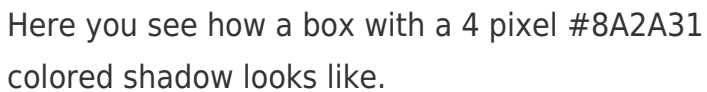
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A2A31 }
```

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

```
.border{ border-color:#8A2A31 }
```

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



Here you see how a box with a 4 pixel #8A2A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A2A31; -webkit-box-shadow:4px 4px  
4px 4px #8A2A31; box-shadow:4px 4px 4px  
4px #8A2A31 }
```

Background

The CSS property to change the background color of an element to Hex 8A2A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A2A31 }
```

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

```
.background{ background-color:#8A2A31 }
```

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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