

Converting Colors

Hex(8A232B)

Have a look what the booklet for
Hex(8A232B) contains.

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Color

Hex(8A232B)

Conversions

Conversions Part 1

Format	Color
Hex	8A232B
RGB	138, 35, 43
RGB Percent	54%, 14%, 17%
CMY	0.4588, 0.8627, 0.8314
CMYK	0.00, 0.75, 0.69, 0.46
HSL	355°, 60%, 34%
HSV	355°, 75%, 54%
XYZ	11.5183, 6.7798, 2.9870
YIQ	66.7090, 58.8200, 24.3240

Conversions

Conversions Part 2

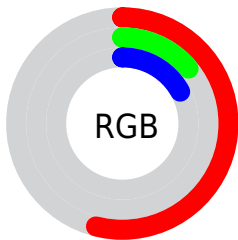
Format	Color
R _Y B	138, 35, 43
Decimal	9052971
CIE Lab	31.30, 43.55, 21.23
CIE LCh	31, 48.451, 25.991
Yxy	6.7798, 0.5411, 0.3185
Android (android.graphics.Color)	4287243051 (0xFF8A232B)
YUV	66.7090, -11.6885, 62.5222
Hunter-Lab	26.0380, 33.3959, 11.4249

Details

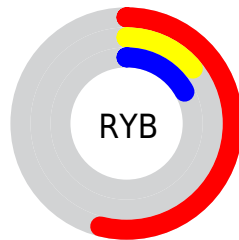
The Hex color **8A232B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **238A82**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **C55858**, and **510000** is the 20% darker color. If you saturate the color by 10%, you get **8A151E**, and if you desaturate by 10%, it is **8A3138**.

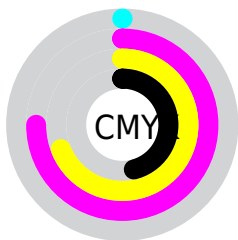
Distribution



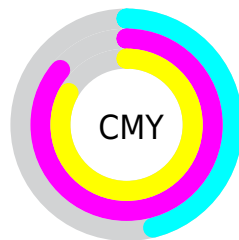
- Red (54%)
- Green (14%)
- Blue (17%)



- Red (54%)
- Yellow (14%)
- Blue (17%)



- Cyan (0%)
- Magenta (75%)
- Yellow (69%)
- Black (46%)



- Cyan (46%)
- Magenta (86%)
- Yellow (83%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A232B 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 8A232B by changing the saturation by 10% instead.



8A232B



8A232B

FFFFFF



6D0017



C55858



510000



E37271



370001



FF8D8A



0F0000



FFA8A5



000000



FFC4C0



FFE1DC



FFFEF8



8A232B



8A232B

 8A151E

 8A3138

 8A0712

 8A3F44

 8A000B

 8A4C51

 8A5A5E

 8A686B

 8A7677

 8A8484

 8A9191

 8A9F9E

Harmonies

Analogous

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



891D50



8A232B



7A3605

Triad

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



8A232B



00571B



005096

Complementary

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



8A232B



238A82

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.



005888



8A232B



005A43

Square

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



8A232B



3A5100



005A6A



3B428F

Rectangle

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



8A232B



694100



005A6A



005394

Sweetspot

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



8A232B



B38B8E



81238A



594244



D9D9D9



595959

Same Dimension

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



8A232B



B3121E



8A4E23



453E3E



85000A



050000

Inverse Universe

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



8A232B



B3121E



235F8A



453E3E



85000A



050000

Previews

White Background



This preview shows how the Hex color 8A232B looks on a white background.

Color Contrast Check

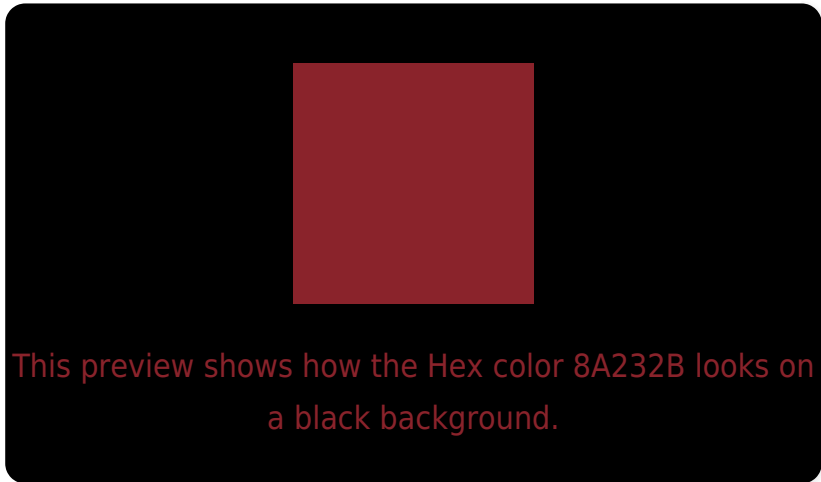
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A232B Background



This preview shows how black text looks on a background with the Hex color 8A232B.

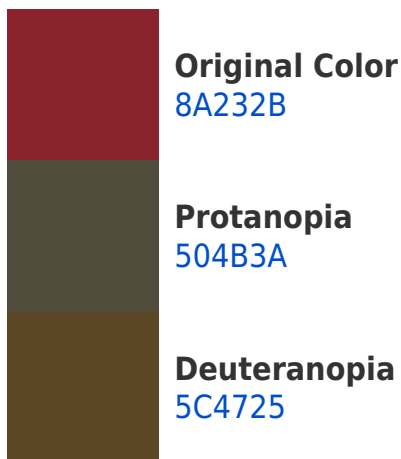



This preview shows how white text looks on a background with the Hex color 8A232B.

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
8A2425

Trichromacy



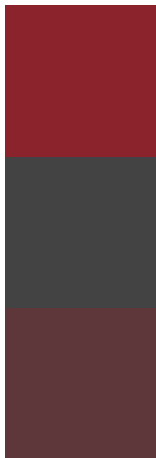
Original Color
8A232B

Protanomaly
653C35

Deuteranomaly
6D3A27

Tritanomaly
8A2427

Monochromacy



Original Color
8A232B

Achromatopsia
434343

Achromatomaly
5D373A

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A232B 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 #8A232B looks like.

```
.text, #text, p{  
    color:#8A232B  
}
```

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 #8A232B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A232B
}
```

Border

The CSS property to change the border of an element to Hex 8A232B is called "border". The border property can be set on classes, ids or directly on the HTML element.

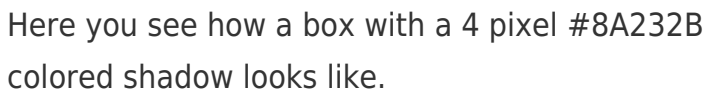
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A232B }
```

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

```
.border{ border-color:#8A232B }
```

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



Here you see how a box with a 4 pixel #8A232B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A232B; -webkit-box-shadow:4px 4px  
4px 4px #8A232B; box-shadow:4px 4px 4px  
4px #8A232B }
```

Background

The CSS property to change the background color of an element to Hex 8A232B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A232B }
```

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

```
.background{ background-color:#8A232B }
```

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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