

Converting Colors

Hex(8A2A55)

Have a look what the booklet for
Hex(8A2A55) contains.

Hex(8A2A55)	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(8A2A55)

Conversions

Conversions Part 1

Format	Color
Hex	8A2A55
RGB	138, 42, 85
RGB Percent	54%, 16%, 33%
CMY	0.4588, 0.8353, 0.6667
CMYK	0.00, 0.70, 0.38, 0.46
HSL	333°, 53%, 35%
HSV	333°, 70%, 54%
XYZ	12.9489, 7.7151, 9.4010
YIQ	75.6060, 43.4130, 33.7250

Conversions

Conversions Part 2

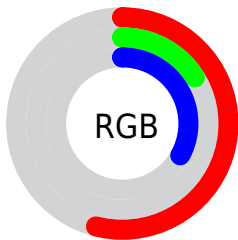
Format	Color
R_{YB}	138, 42, 85
Decimal	9054805
CIE _{Lab}	33.38, 44.42, -3.25
CIE _{LCh}	33, 44.541, 355.810
Yxy	7.7151, 0.4307, 0.2566
Android (android.graphics.Color)	4287244885 (0xFF8A2A55)
YUV	75.6060, 4.6312, 54.7195
Hunter-Lab	27.7760, 34.6067, -0.6239

Details

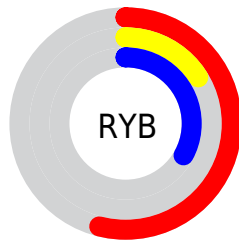
The Hex color **8A2A55** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2A8A5F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **C35F87**, and **540028** is the 20% darker color. If you saturate the color by 10%, you get **8A1C4D**, and if you desaturate by 10%, it is **8A385D**.

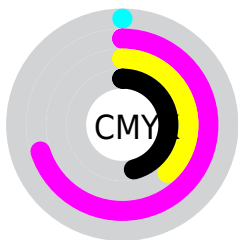
Distribution



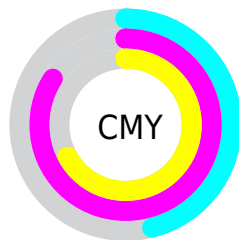
- Red (54%)
- Green (16%)
- Blue (33%)



- Red (54%)
- Yellow (16%)
- Blue (33%)



- Cyan (0%)
- Magenta (70%)
- Yellow (38%)
- Black (46%)



- Cyan (46%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A2A55 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 8A2A55 by changing the saturation by 10% instead.

 8A2A55

 8A2A55

FFFFFF

 6F0A3E

 C35F87

 540028

 E079A1

 3A0014

 FE94BC

 1D0001

 FFAFD7

 000000

 FFCCF4

 FFE8FF

 8A2A55

 8A2A55

 8A1C4D

 8A385D

■ 8A0E46

■ 8A4664

■ 8A013E

■ 8A536C

■ 8A003E

■ 8A6173

■ 8A6F7B

■ 8A7D83

■ 8A8B8A

■ 8A9892

■ 8AA69A

Harmonies

Analogous

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



743777



8A2A55



8C2E32

Triad

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



8A2A55



415502



005C89

Complementary

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



8A2A55



2A8A5F

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.



005F6C



8A2A55



035B24

Square

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



8A2A55



634B00



005E48



005495

Rectangle

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



8A2A55



83371D



005E48



005D80

Sweetspot

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



8A2A55



B38D9E



5F2A8A



59434D



D9D9D9



595959

Same Dimension

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



8A2A55



B31E61



8A2F2A



453E41



85003B



050002

Inverse Universe

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



8A2A55



B31E61



2A858A



453E41



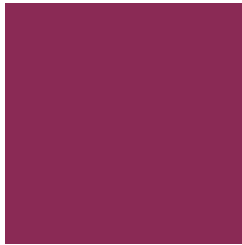
85003B



050002

Previews

White Background



This preview shows how the Hex color 8A2A55 looks on a white background.

Color Contrast Check

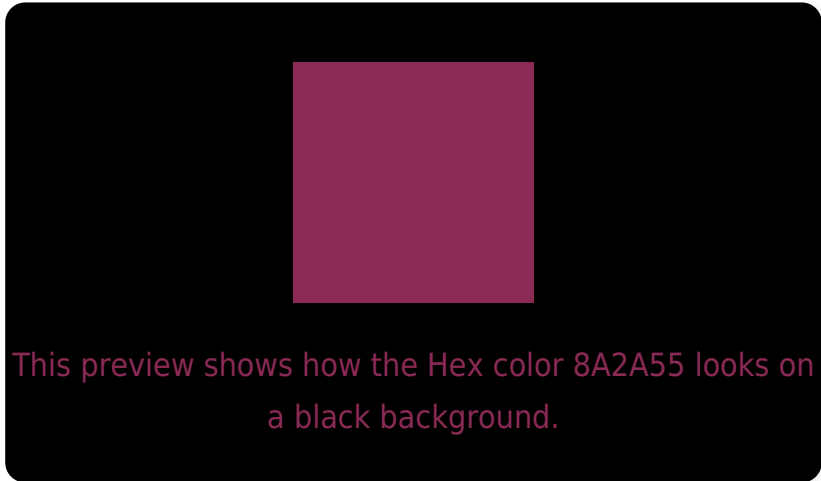
Large Text (above 18pt) WCAG AA ✓ Pass

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

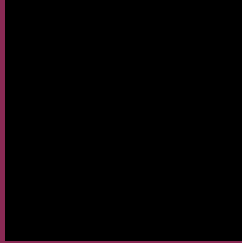
Any Text WCAG AA × Fail

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 8A2A55 Background



This preview shows how black text looks on a background with the Hex color 8A2A55.

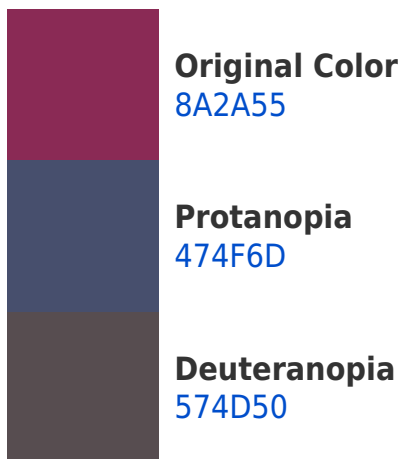



This preview shows how white text looks on a background with the Hex color 8A2A55.

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
883235

Trichromacy



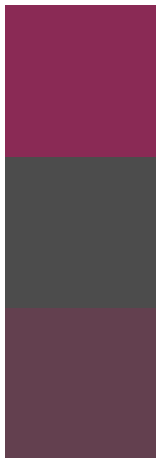
Original Color
8A2A55

Protanomaly
5F4264

Deuteranomaly
6A4052

Tritanomaly
892F41

Monochromacy



Original Color
8A2A55

Achromatopsia
4C4C4C

Achromatomaly
63404F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A2A55 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 #8A2A55 looks like.

```
.text, #text, p{  
    color:#8A2A55  
}
```

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 #8A2A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A2A55
}
```

Border

The CSS property to change the border of an element to Hex 8A2A55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

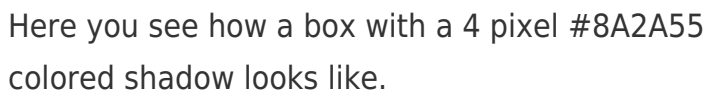
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A2A55 }
```

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

```
.border{ border-color:#8A2A55 }
```

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



Here you see how a box with a 4 pixel #8A2A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A2A55; -webkit-box-shadow:4px 4px  
4px 4px #8A2A55; box-shadow:4px 4px 4px  
4px #8A2A55 }
```

Background

The CSS property to change the background color of an element to Hex 8A2A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A2A55 }
```

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

```
.background{ background-color:#8A2A55 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor