

# Converting Colors

Hex(8A2D54)

Have a look what the booklet for  
Hex(8A2D54) contains.

<b>Hex(8A2D54)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8A2D54)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A2D54
RGB	138, 45, 84
RGB Percent	54%, 18%, 33%
CMY	0.4588, 0.8235, 0.6706
CMYK	0.00, 0.67, 0.39, 0.46
HSL	335°, 51%, 36%
HSV	335°, 67%, 54%
XYZ	13.0199, 7.9201, 9.2300
YIQ	77.2530, 42.9090, 31.8450

# Conversions

## Conversions Part 2

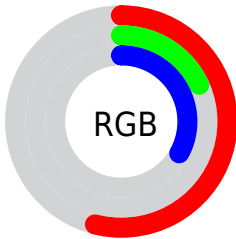
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">138, 45, 84</a>
Decimal	<a href="#">9055572</a>
CIELab	<a href="#">33.82, 43.02, -1.97</a>
CIElCh	<a href="#">34, 43.067, 357.381</a>
Yxy	<a href="#">7.9201, 0.4315, 0.2625</a>
Android (android.graphics.Color)	<a href="#">4287245652</a> ( <a href="#">0xFF8A2D54</a> )
YUV	<a href="#">77.2530, 3.3263, 53.2751</a>
Hunter-Lab	<a href="#">28.1427, 33.3308, 0.2545</a>

# Details

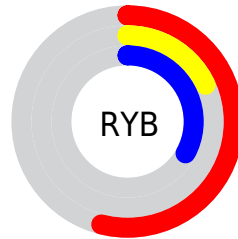
The Hex color **8A2D54** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2D8A63**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **C36185**, and **540027** is the 20% darker color. If you saturate the color by 10%, you get **8A1F4C**, and if you desaturate by 10%, it is **8A3B5C**.

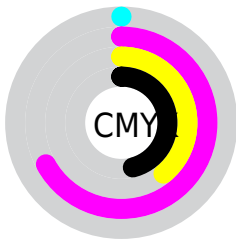
# Distribution



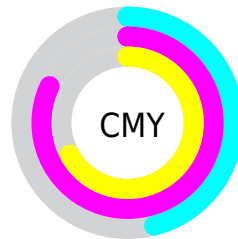
- Red (54%)
- Green (18%)
- Blue (33%)



- Red (54%)
- Yellow (18%)
- Blue (33%)



- Cyan (0%)
- Magenta (67%)
- Yellow (39%)
- Black (46%)



- Cyan (46%)
- Magenta (82%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A2D54 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 8A2D54 by changing the saturation by 10% instead.



 8A2D54

 8A2D54

FFFFFF

 6F103D

 C36185

 540027

 E07BA0

 3A0013

 FD96BA

 1E0001

 FFB2D6

 000000

 FFCE3

 FFE3FF

 8A2D54

 8A2D54

 8A1F4C

 8A3B5C

 8A1144

 8A4964

 8A043C

 8A566C

 8A003A

 8A6474

 8A727C

 8A8084

 8A8E8C

 8A9B94

 8AA99C

# Harmonies

## Analogous

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



763875



8A2D54



8B3132

# Triad

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



8A2D54



415708



005C89

# Complementary

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



8A2D54



2D8A63

# 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.



005F6E



8A2D54



055C28

# Square

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



8A2D54



634D00



005F4B



005494

# Rectangle

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



8A2D54



823A1E



005F4B



005D81



# Sweetspot

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



8A2D54



B38F9E



622D8A



59444D



D9D9D9



595959



# Same Dimension

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



8A2D54



B3225F



8A332D



453E41



850038



050002



# Inverse Universe

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



8A2D54



B3225F



2D848A



453E41



850038

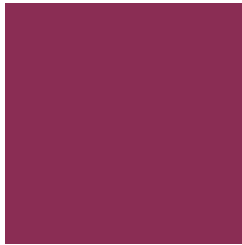


050002



# Previews

## White Background



This preview shows how the Hex color 8A2D54 looks on a white background.

## Color Contrast Check

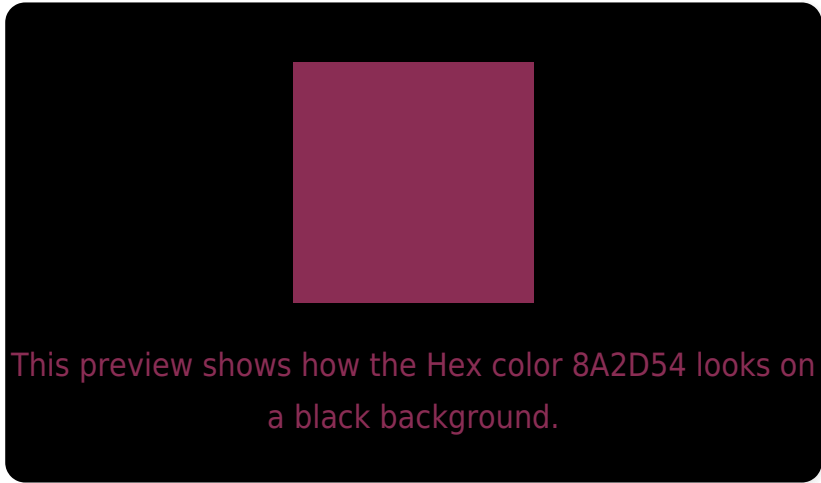
Large Text (above 18pt) WCAG AA ✓ Pass

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

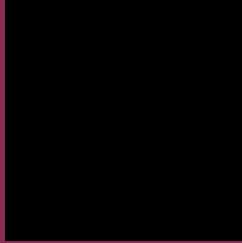
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8A2D54 Background



This preview shows how black text looks on a background with the Hex color 8A2D54.

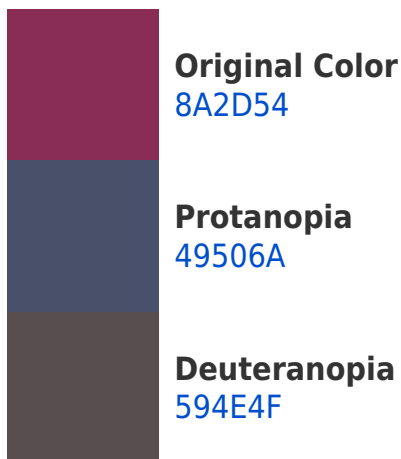



This preview shows how white text looks on a background with the Hex color 8A2D54.

# 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**  
883437

# Trichromacy



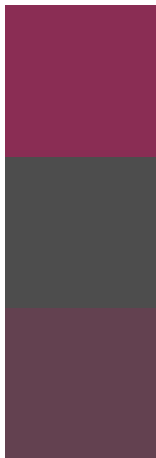
**Original Color**  
8A2D54

**Protanomaly**  
614362

**Deuteranomaly**  
6B4251

**Tritanomaly**  
893142

# Monochromacy



**Original Color**  
8A2D54

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
634150

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A2D54 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 #8A2D54 looks like.

```
.text, #text, p{  
    color:#8A2D54  
}
```

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 #8A2D54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A2D54
}
```

## Border

The CSS property to change the border of an element to Hex 8A2D54 is called "border". The border property can be set on classes, ids or directly on the HTML element.

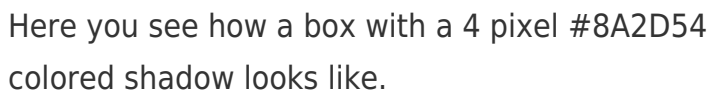
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A2D54 }
```

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

```
.border{ border-color:#8A2D54 }
```

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



Here you see how a box with a 4 pixel #8A2D54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A2D54; -webkit-box-shadow:4px 4px  
4px 4px #8A2D54; box-shadow:4px 4px 4px  
4px #8A2D54 }
```

# Background

The CSS property to change the background color of an element to Hex 8A2D54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A2D54 }
```

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

```
.background{ background-color:#8A2D54 }
```

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