

# Converting Colors

Hex(8A1E4B)

Have a look what the booklet for  
Hex(8A1E4B) contains.

<b>Hex(8A1E4B)</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(8A1E4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A1E4B
RGB	138, 30, 75
RGB Percent	54%, 12%, 29%
CMY	0.4588, 0.8824, 0.7059
CMYK	0.00, 0.78, 0.46, 0.46
HSL	335°, 64%, 33%
HSV	335°, 78%, 54%
XYZ	12.2155, 6.8398, 7.3330
YIQ	67.4220, 49.9230, 36.8910

# Conversions

## Conversions Part 2

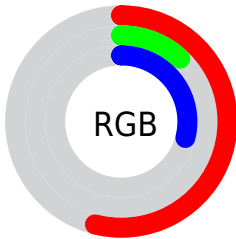
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 30, 75
Decimal	9051723
CIELab	31.44, 47.85, 0.42
CIElCh	31, 47.847, 0.504
Yxy	6.8398, 0.4629, 0.2592
Android (android.graphics.Color)	4287241803 (0xFF8A1E4B)
YUV	67.4220, 3.7360, 61.8969
Hunter-Lab	26.1530, 37.6055, 1.6829

# Details

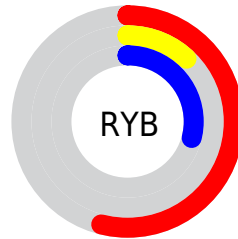
The Hex color **8A1E4B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1E8A5D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **C3557C**, and **530020** is the 20% darker color. If you saturate the color by 10%, you get **8A1043**, and if you desaturate by 10%, it is **8A2C53**.

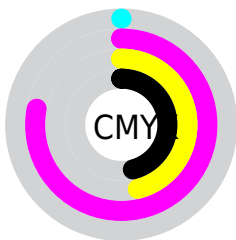
# Distribution



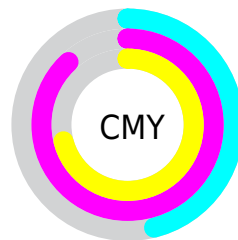
- Red (54%)
- Green (12%)
- Blue (29%)



- Red (54%)
- Yellow (12%)
- Blue (29%)



- Cyan (0%)
- Magenta (78%)
- Yellow (46%)
- Black (46%)



- Cyan (46%)
- Magenta (88%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A1E4B 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 8A1E4B by changing the saturation by 10% instead.





8A1E4B



8A1E4B

FFFFFF



6E0034



C3557C



530020



E17095



3A0007



FF8BB0



170000



FFA7CB



000000



FFC3E7



FFDFFF



FFFDFD



8A1E4B



8A1E4B

■ 8A1043

■ 8A2C53

■ 8A023B

■ 8A3A5B

■ 8A0039

■ 8A4763

■ 8A556B

■ 8A6373

■ 8A717B

■ 8A7F83

■ 8A8C8B

■ 8A9A93

# Harmonies

## Analogous

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



772C70



8A1E4B



882726

# Triad

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



8A1E4B



345300



00578B

# Complementary

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



8A1E4B



1E8A5D

# 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.



005A6F



8A1E4B



005822

# Square

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



8A1E4B



5A4900



005A4A



004F96

# Rectangle

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



8A1E4B



7E330E



005A4A



005984



# Sweetspot

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



8A1E4B



B3899B



5D1E8A



59404B



D9D9D9



595959



# Same Dimension

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



8A1E4B



B30B51



8A271E



453E41



850037



050002



# Inverse Universe

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



8A1E4B



B30B51



1E818A



453E41



850037

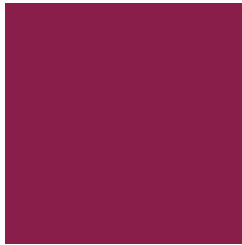


050002



# Previews

## White Background



This preview shows how the Hex color 8A1E4B looks on a white background.

## Color Contrast Check

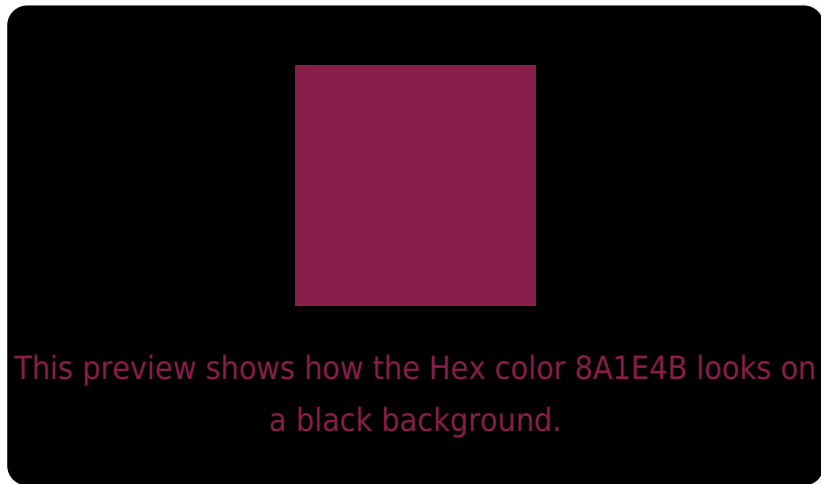
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A1E4B Background



This preview shows how black text looks on a background with the Hex color 8A1E4B.



This preview shows how white text looks on a background with the Hex color 8A1E4B.

# 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**  
8A1E4B

**Protanopia**  
444B65

**Deuteranopia**  
554946



**Tritanopia**  
882729

# Trichromacy



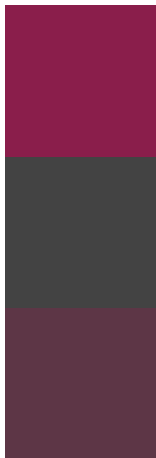
**Original Color**  
8A1E4B

**Protanomaly**  
5D3B5C

**Deuteranomaly**  
683948

**Tritanomaly**  
892435

# Monochromacy



**Original Color**  
8A1E4B

**Achromatopsia**  
434343

**Achromatomaly**  
5D3646

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A1E4B 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 #8A1E4B looks like.

```
.text, #text, p{  
    color:#8A1E4B  
}
```

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 #8A1E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A1E4B
}
```

## Border

The CSS property to change the border of an element to Hex 8A1E4B 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
#8A1E4B }
```

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

```
.border{ border-color:#8A1E4B }
```

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

Here you see how a box with a 4 pixel #8A1E4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A1E4B; -webkit-box-shadow:4px 4px  
4px 4px #8A1E4B; box-shadow:4px 4px 4px  
4px #8A1E4B }
```

# Background

The CSS property to change the background color of an element to Hex 8A1E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A1E4B }
```

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

```
.background{ background-color:#8A1E4B }
```

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