

Converting Colors

Hex(8A1E63)

Have a look what the booklet for
Hex(8A1E63) contains.

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Color

Hex(8A1E63)

Conversions

Conversions Part 1

Format	Color
Hex	8A1E63
RGB	138, 30, 99
RGB Percent	54%, 12%, 39%
CMY	0.4588, 0.8824, 0.6118
CMYK	0.00, 0.78, 0.28, 0.46
HSL	322°, 64%, 33%
HSV	322°, 78%, 54%
XYZ	13.1976, 7.2327, 12.5048
YIQ	70.1580, 42.2190, 44.3550

Conversions

Conversions Part 2

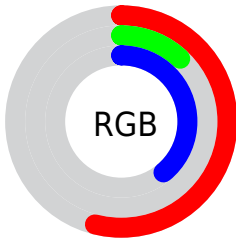
Format	Color
R_{YB}	138, 30, 99
Decimal	9051747
CIE _{Lab}	32.33, 50.59, -13.89
CIE _{LCh}	32, 52.463, 344.651
Yxy	7.2327, 0.4007, 0.2196
Android (android.graphics.Color)	4287241827 (0xFF8A1E63)
YUV	70.1580, 14.2191, 59.4974
Hunter-Lab	26.8936, 40.5323, -8.7428

Details

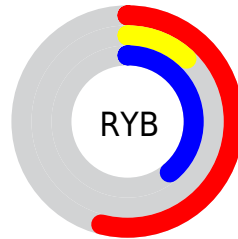
The Hex color **8A1E63** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1E8A45**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **C35696**, and **540034** is the 20% darker color. If you saturate the color by 10%, you get **8A105E**, and if you desaturate by 10%, it is **8A2C68**.

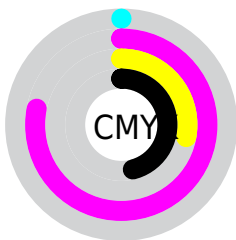
Distribution



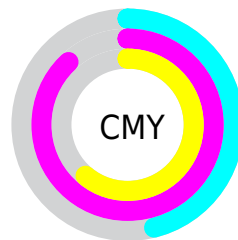
- Red (54%)
- Green (12%)
- Blue (39%)



- Red (54%)
- Yellow (12%)
- Blue (39%)



- Cyan (0%)
- Magenta (78%)
- Yellow (28%)
- Black (46%)



- Cyan (46%)
- Magenta (88%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A1E63 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 8A1E63 by changing the saturation by 10% instead.



8A1E63



8A1E63

FFFFFF



6F004B



C35696



540034



E071B1



3B001F



FE8CCC



1F0002



FFA8E8



000000



FFC4FF



FFE1FF



FFFEFF



8A1E63



8A1E63

■ 8A105E

■ 8A2C68

■ 8A0259

■ 8A3A6D

■ 8A0058

■ 8A4772

■ 8A5577

■ 8A637C

■ 8A7181

■ 8A7F86

■ 8A8C8B

■ 8A9A90

Harmonies

Analogous

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



663687



8A1E63



94193A

Triad

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



8A1E63



4B5000



005D86

Complementary

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



8A1E63



1E8A45

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.



005E60



8A1E63



135905

Square

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



8A1E63



6E4200



005D35



00579C

Rectangle

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



8A1E63



8E261F



005D35



005D7A

Sweetspot

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



8A1E63



B389A4



441E8A



594050



D9D9D9



595959

Same Dimension

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



8A1E63



B30B76



8A1E2E



453E42



850055



050003

Inverse Universe

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



8A1E63



B30B76



1E8A7A



453E42



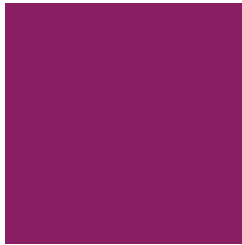
850055



050003

Previews

White Background



This preview shows how the Hex color 8A1E63 looks on a white background.

Color Contrast Check

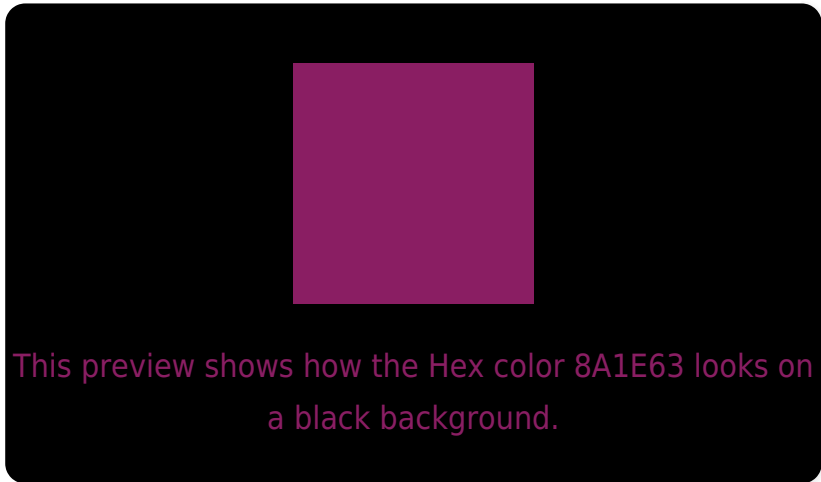
Large Text (above 18pt) WCAG AA ✓ Pass

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

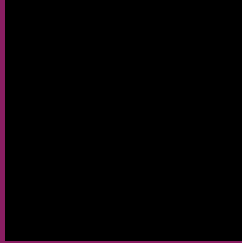
Any Text WCAG AA × Fail

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 8A1E63 Background



This preview shows how black text looks on a background with the Hex color 8A1E63.



This preview shows how white text looks on a background with the Hex color 8A1E63.

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
862F31

Trichromacy



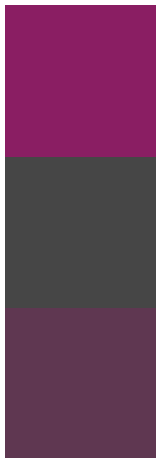
Original Color
8A1E63

Protanomaly
543B79

Deuteranomaly
633B5F

Tritanomaly
872943

Monochromacy



Original Color
8A1E63

Achromatopsia
464646

Achromatomaly
5F3751

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A1E63 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 #8A1E63 looks like.

```
.text, #text, p{  
    color:#8A1E63  
}
```

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 #8A1E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A1E63  
}
```

Border

The CSS property to change the border of an element to Hex 8A1E63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

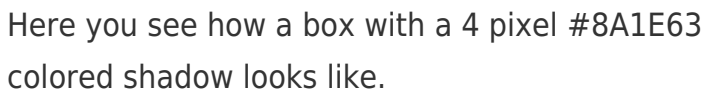
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8A1E63 }
```

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

```
.border{ border-color:#8A1E63 }
```

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



Here you see how a box with a 4 pixel #8A1E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A1E63; -webkit-box-shadow:4px 4px  
4px 4px #8A1E63; box-shadow:4px 4px 4px  
4px #8A1E63 }
```

Background

The CSS property to change the background color of an element to Hex 8A1E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A1E63 }
```

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

```
.background{ background-color:#8A1E63 }
```

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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