

Converting Colors

Hex(871A33)

Have a look what the booklet for
Hex(871A33) contains.

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Color

Hex(871A33)

Conversions

Conversions Part 1

Format	Color
Hex	871A33
RGB	135, 26, 51
RGB Percent	53%, 10%, 20%
CMY	0.4706, 0.8980, 0.8000
CMYK	0.00, 0.81, 0.62, 0.47
HSL	346°, 68%, 32%
HSV	346°, 81%, 53%
XYZ	10.9586, 6.1287, 3.7373
YIQ	61.4410, 56.9390, 30.8830

Conversions

Conversions Part 2

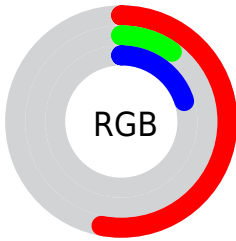
Format	Color
R_{YB}	135, 26, 51
Decimal	8854067
CIE _{Lab}	29.73, 46.22, 13.86
CIE _{LCh}	30, 48.255, 16.686
Yxy	6.1287, 0.5262, 0.2943
Android (android.graphics.Color)	4287044147 (0xFF871A33)
YUV	61.4410, -5.1474, 64.5112
Hunter-Lab	24.7562, 35.6916, 8.3786

Details

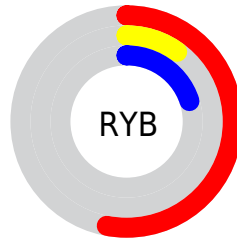
The Hex color **871A33** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1A876E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **C15161**, and **4F0005** is the 20% darker color. If you saturate the color by 10%, you get **870C29**, and if you desaturate by 10%, it is **87273D**.

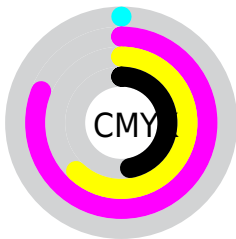
Distribution



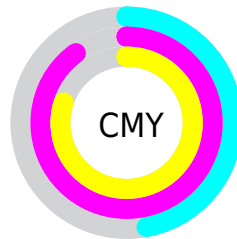
- Red (53%)
- Green (10%)
- Blue (20%)



- Red (53%)
- Yellow (10%)
- Blue (20%)



- Cyan (0%)
- Magenta (81%)
- Yellow (62%)
- Black (47%)



- Cyan (47%)
- Magenta (90%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 871A33 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 871A33 by changing the saturation by 10% instead.

 871A33

 871A33

FFFFFF

 6A001E

 C15161

 4F0005

 DF6C7A

 360002

 FE8793

 050000

 FFA2AE

 000000

 FFBEC9

 FFD8E5

 FFF8FF

 871A33

 871A33

870C29

87273D

87001F

873548

874252

87505D

875E67

876B71

87787C

878686

879391

Harmonies

Analogous

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



801C58



871A33



7C2C0F

Triad

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



871A33



0D520A



004F8F

Complementary

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



871A33



1A876E

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.



00557C



871A33



005533

Square

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



871A33



434B00



00565B



0E438F

Rectangle

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



871A33



6D3900



00565B



00528B

Sweetspot

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



871A33



B0868F



6E1A87



593F45



D9D9D9



595959

Same Dimension

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



871A33



B0052C



87371A



423C3D



82001E



030001

Inverse Universe

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



871A33



B0052C



1A6A87



423C3D



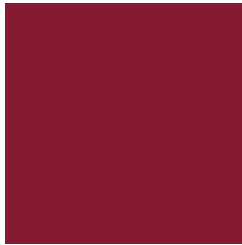
82001E



030001

Previews

White Background



This preview shows how the Hex color 871A33 looks on a white background.

Color Contrast Check

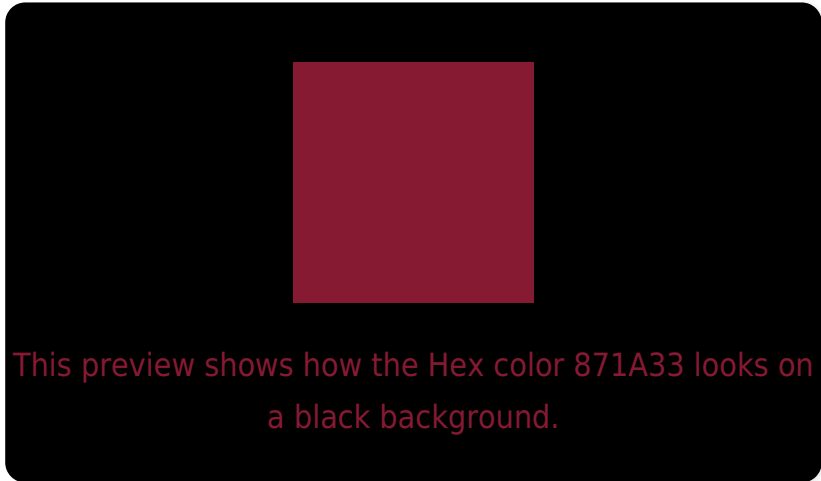
Large Text (above 18pt) WCAG AA ✓ Pass

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 871A33 Background



This preview shows how black text looks on a background with the Hex color 871A33.



This preview shows how white text looks on a background with the Hex color 871A33.

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
871A33

Protanopia
494747

Deuteranopia
57452E



Tritanopia
861F1F

Trichromacy



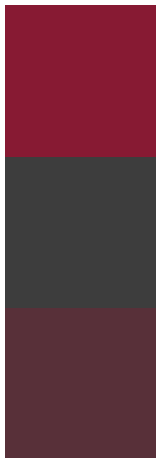
Original Color
871A33

Protanomaly
603740

Deuteranomaly
683530

Tritanomaly
861D26

Monochromacy



Original Color
871A33

Achromatopsia
3D3D3D

Achromatomaly
583039

CSS Examples

Text

The CSS property to change the color of the text to Hex 871A33 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 #871A33 looks like.

```
.text, #text, p{  
    color:#871A33  
}
```

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 #871A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #871A33
}
```

Border

The CSS property to change the border of an element to Hex 871A33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

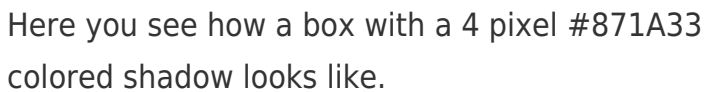
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#871A33 }
```

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

```
.border{ border-color:#871A33 }
```

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



Here you see how a box with a 4 pixel `#871A33` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #871A33; -webkit-box-shadow:4px 4px  
4px 4px #871A33; box-shadow:4px 4px 4px  
4px #871A33 }
```

Background

The CSS property to change the background color of an element to Hex 871A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#871A33 }
```

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

```
.background{ background-color:#871A33 }
```

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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