

Converting Colors

Hex(871963)

Have a look what the booklet for
Hex(871963) contains.

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Color

Hex(871963)

Conversions

Conversions Part 1

Format	Color
Hex	871963
RGB	135, 25, 99
RGB Percent	53%, 10%, 39%
CMY	0.4706, 0.9020, 0.6118
CMYK	0.00, 0.81, 0.27, 0.47
HSL	320°, 69%, 31%
HSV	320°, 81%, 53%
XYZ	12.5914, 6.7470, 12.4430
YIQ	66.3260, 41.8060, 46.3340

Conversions

Conversions Part 2

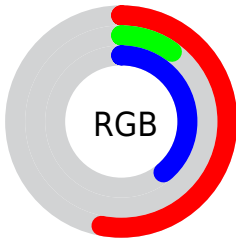
Format	Color
R_{YB}	135, 25, 99
Decimal	8853859
CIE _{Lab}	31.22, 51.34, -15.63
CIE _{LCh}	31, 53.664, 343.062
Yxy	6.7470, 0.3962, 0.2123
Android (android.graphics.Color)	4287043939 (0xFF871963)
YUV	66.3260, 16.1083, 60.2271
Hunter-Lab	25.9750, 41.0720, -10.2197

Details

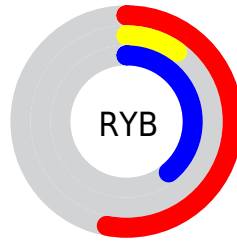
The Hex color **871963** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **19873D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **C05396**, and **510034** is the 20% darker color. If you saturate the color by 10%, you get **870B5F**, and if you desaturate by 10%, it is **872667**.

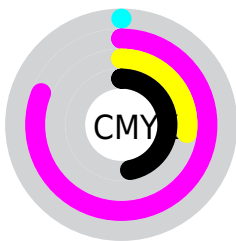
Distribution



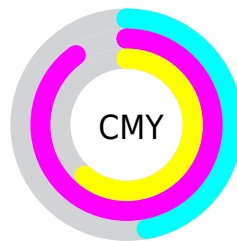
- Red (53%)
- Green (10%)
- Blue (39%)



- Red (53%)
- Yellow (10%)
- Blue (39%)



- Cyan (0%)
- Magenta (81%)
- Yellow (27%)
- Black (47%)



- Cyan (47%)
- Magenta (90%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 871963 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 871963 by changing the saturation by 10% instead.

 871963

 871963

FFFFFF

 6C004B

 C05396

 510034

 DD6DB1

 39001F

 FA89CC

 1A0002

 FFA4E8

 000000

 FFC0FF

 FFDDFF

 FFFAFF

 871963

 871963

870B5F

872667

87005B

87346C

874170

874F75

875D79

876A7E

877782

878586

87938B

Harmonies

Analogous

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



613488



871963



921039

Triad

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



871963



4A4D00



005A82

Complementary

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



871963



19873D

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.



005B5B



871963



115600

Square

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



871963



6E3F00



005A2F



00559B

Rectangle

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



871963



8D201E



005A2F



005B77

Sweetspot

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



871963



B086A2



3C1987



593F51



D9D9D9



595959

Same Dimension

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



871963



B00478



87192D



423C40



820057



030002

Inverse Universe

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



871963



B00478



198773



423C40



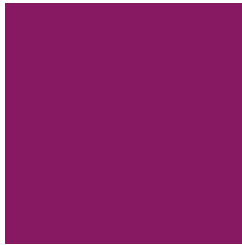
820057



030002

Previews

White Background



This preview shows how the Hex color 871963 looks on a white background.

Color Contrast Check

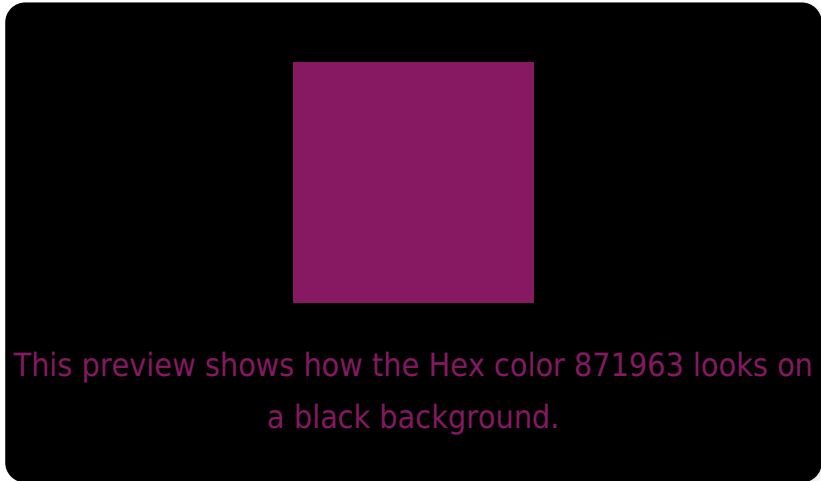
Large Text (above 18pt) WCAG AA ✓ Pass

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

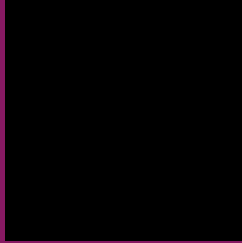
Any Text WCAG AA × Fail

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 871963 Background



This preview shows how black text looks on a background with the Hex color 871963.

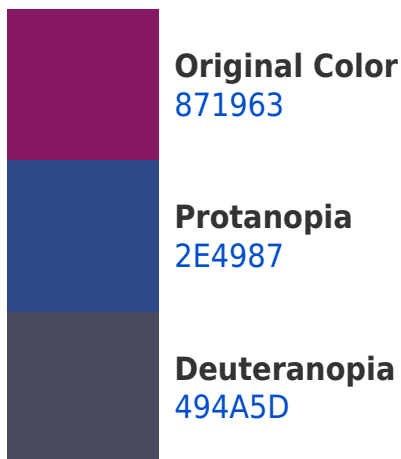


This preview shows how white text looks on a background with the Hex color 871963.

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
832C2F

Trichromacy



Original Color
871963

Protanomaly
4E387A

Deuteranomaly
60385F

Tritanomaly
842542

Monochromacy



Original Color
871963

Achromatopsia
424242

Achromatomaly
5B334E

CSS Examples

Text

The CSS property to change the color of the text to Hex 871963 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 #871963 looks like.

```
.text, #text, p{  
    color:#871963  
}
```

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 #871963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #871963  
}
```

Border

The CSS property to change the border of an element to Hex 871963 is called "border". The border property can be set on classes, ids or directly on the HTML element.

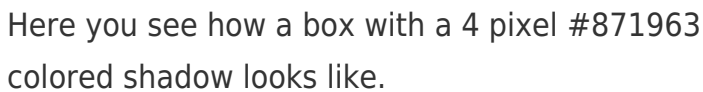
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#871963 }
```

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

```
.border{ border-color:#871963 }
```

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



Here you see how a box with a 4 pixel #871963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #871963; -webkit-box-shadow:4px 4px  
4px 4px #871963; box-shadow:4px 4px 4px  
4px #871963 }
```

Background

The CSS property to change the background color of an element to Hex 871963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#871963 }
```

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

```
.background{ background-color:#871963 }
```

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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