

Converting Colors

Hex(871353)

Have a look what the booklet for
Hex(871353) contains.

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Color

Hex(871353)

Conversions

Conversions Part 1

Format	Color
Hex	871353
RGB	135, 19, 83
RGB Percent	53%, 7%, 33%
CMY	0.4706, 0.9255, 0.6745
CMYK	0.00, 0.86, 0.39, 0.47
HSL	327°, 75%, 30%
HSV	327°, 86%, 53%
XYZ	11.7859, 6.2412, 8.7671
YIQ	60.9800, 48.5920, 44.4960

Conversions

Conversions Part 2

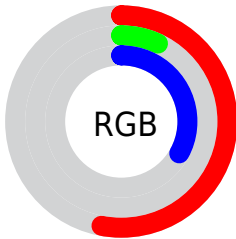
Format	Color
RYB	135, 19, 83
Decimal	8852307
CIELab	30.01, 51.00, -7.03
CIElCh	30, 51.483, 352.151
Yxy	6.2412, 0.4399, 0.2329
Android (android.graphics.Color)	4287042387 (0xFF871353)
YUV	60.9800, 10.8559, 64.9155
Hunter-Lab	24.9823, 40.4916, -3.3191

Details

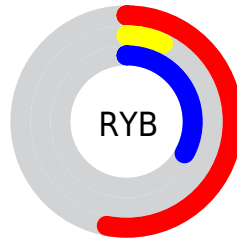
The Hex color **871353** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **138747**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **C04F84**, and **500026** is the 20% darker color. If you saturate the color by 10%, you get **87064D**, and if you desaturate by 10%, it is **872159**.

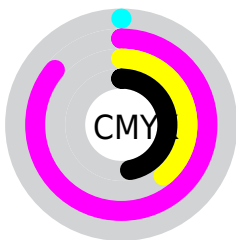
Distribution



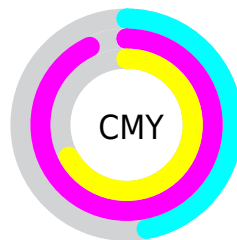
- Red (53%)
- Green (7%)
- Blue (33%)



- Red (53%)
- Yellow (7%)
- Blue (33%)



- Cyan (0%)
- Magenta (86%)
- Yellow (39%)
- Black (47%)



- Cyan (47%)
- Magenta (93%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 871353 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 871353 by changing the saturation by 10% instead.

 871353

 871353

FFFFFF

 6B003C

 C04F84

 500026

 DD6A9F

 380012

 FB85B9

 130000

 FFA0D5

 000000

 FFBCF1

 FFD9FF

 FFF6FF

 871353

 871353

■ 87064D

■ 872159

■ 87004A

■ 872E5F

■ 873C65

■ 87496B

■ 875771

■ 876477

■ 87727D

■ 877F83

■ 878D89

Harmonies

Analogous

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



6B2B78



871353



8B172B

Triad

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



871353



3B4D00



005686

Complementary

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



871353



138747

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.



005864



871353



00540F

Square

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



871353



604100



00573A



004F97

Rectangle

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



871353



822711



00573A



00577C

Sweetspot

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



871353



B0829B



451387



593E4D



D9D9D9



595959

Same Dimension

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



871353



B00061



87131B



423C3F



820048



030001

Inverse Universe

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



871353



B00061



13877F



423C3F



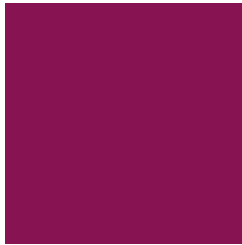
820048



030001

Previews

White Background



This preview shows how the Hex color 871353 looks on a white background.

Color Contrast Check

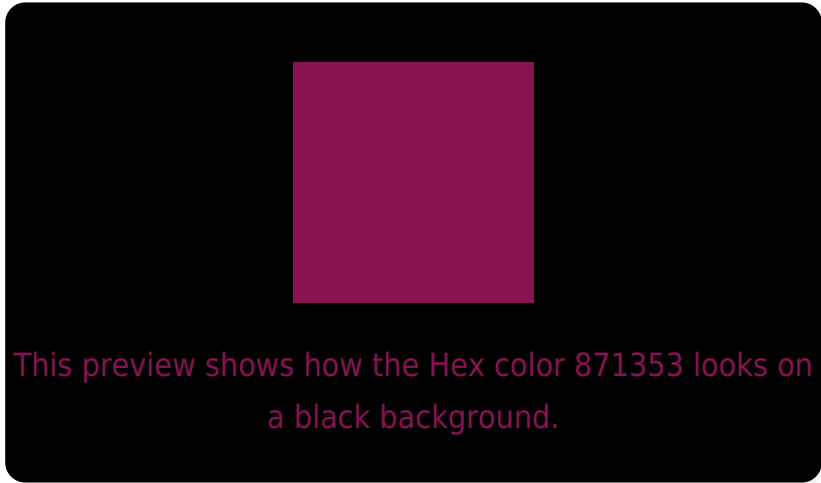
Large Text (above 18pt) WCAG AA ✓ Pass

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

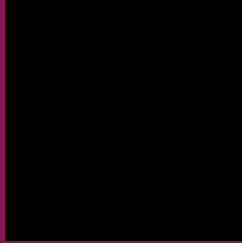
Any Text WCAG AA × Fail

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 871353 Background



This preview shows how black text looks on a background with the Hex color 871353.




This preview shows how white text looks on a background with the Hex color 871353.

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
842426

Trichromacy



Original Color
871353

Protanomaly
553468

Deuteranomaly
63344F

Tritanomaly
851E36

Monochromacy



Original Color
871353

Achromatopsia
3D3D3D

Achromatomaly
582E45

CSS Examples

Text

The CSS property to change the color of the text to Hex 871353 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 #871353 looks like.

```
.text, #text, p{  
    color:#871353  
}
```

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 #871353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #871353
}
```

Border

The CSS property to change the border of an element to Hex 871353 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
#871353 }
```

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

```
.border{ border-color:#871353 }
```

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

Here you see how a box with a 4 pixel #871353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #871353; -webkit-box-shadow:4px 4px  
4px 4px #871353; box-shadow:4px 4px 4px  
4px #871353 }
```

Background

The CSS property to change the background color of an element to Hex 871353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#871353 }
```

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

```
.background{ background-color:#871353 }
```

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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