

Converting Colors

Hex(83004B)

Have a look what the booklet for
Hex(83004B) contains.

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Color

Hex(83004B)

Conversions

Conversions Part 1

Format	Color
Hex	83004B
RGB	131, 0, 75
RGB Percent	51%, 0%, 29%
CMY	0.4863, 1.0000, 0.7059
CMYK	0.00, 1.00, 0.43, 0.49
HSL	326°, 100%, 26%
HSV	326°, 100%, 51%
XYZ	10.6301, 5.3333, 7.1258
YIQ	47.7190, 54.0010, 51.0970

Conversions

Conversions Part 2

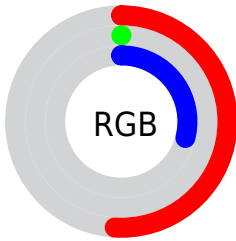
Format	Color
R_{YB}	131, 0, 75
Decimal	8585291
CIE Lab	27.66, 52.69, -5.31
CIE LCh	28, 52.960, 354.241
Yxy	5.3333, 0.4604, 0.2310
Android (android.graphics.Color)	4286775371 (0xFF83004B)
YUV	47.7190, 13.4495, 73.0374
Hunter-Lab	23.0939, 41.7487, -2.1285

Details

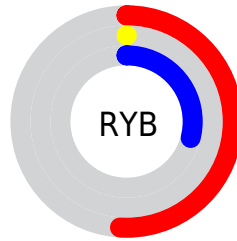
The Hex color **83004B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **008338**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **BC467C**, and **4C001F** is the 20% darker color. If you saturate the color by 10%, you get **83004B**, and if you desaturate by 10%, it is **830D51**.

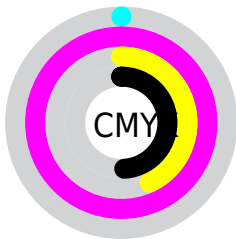
Distribution



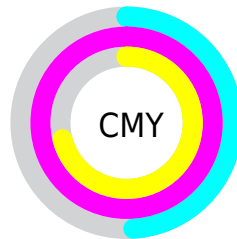
- Red (51%)
- Green (0%)
- Blue (29%)



- Red (51%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83004B 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 83004B by changing the saturation by 10% instead.

 83004B

 83004B

FFFFFF

 670034

 BC467C

 4C001F

 DA6195

 340005

 F87CB0

 000000

 FF98CC

 FFB4E8

 FFD0FF

 FFE0FF

 83004B

 830D51

 831A56

 83275C

 833461

 834267

 834F6D

 835C72

 836978

 83767D

Harmonies

Analogous

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



692272



83004B



850B23

Triad

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



83004B



324900



005083

Complementary

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



83004B



008338

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.



005262



83004B



004F0A

Square

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



83004B



583D00



005238



004993

Rectangle

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



83004B



7B2106



005238



00517A

Sweetspot

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



83004B



AB7895



370083



573749



D6D6D6



575757

Same Dimension

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



83004B



AB0062



83000B



423C3F



82004A



030001

Inverse Universe

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



83004B



AB0062



008378



423C3F



82004A



030001

Previews

White Background



This preview shows how the Hex color 83004B looks on a white background.

Color Contrast Check

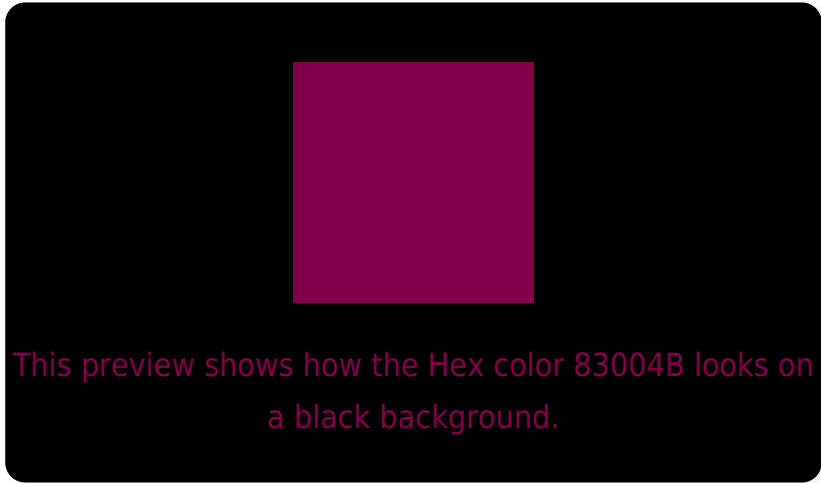
Large Text (above 18pt) WCAG AA ✓ Pass

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

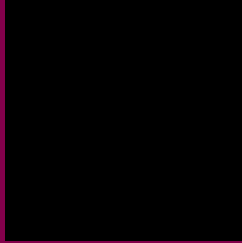
Any Text WCAG AA × Fail

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 83004B Background



This preview shows how black text looks on a background with the Hex color 83004B.

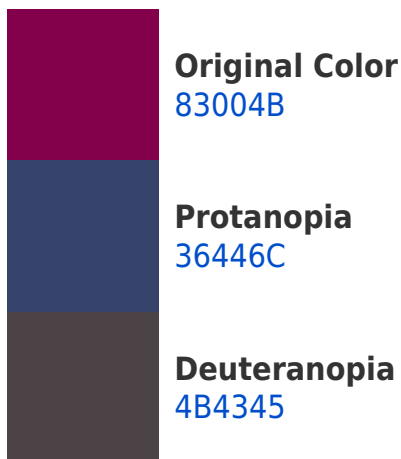


This preview shows how white text looks on a background with the Hex color 83004B.

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
811E1E

Trichromacy



Original Color
83004B

Protanomaly
522B60

Deuteranomaly
5F2B47

Tritanomaly
82132E

Monochromacy



Original Color
83004B

Achromatopsia
303030

Achromatomaly
4E1F3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 83004B 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 #83004B looks like.

```
.text, #text, p{  
    color:#83004B  
}
```

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 #83004B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83004B
}
```

Border

The CSS property to change the border of an element to Hex 83004B is called "border". The border property can be set on classes, ids or directly on the HTML element.

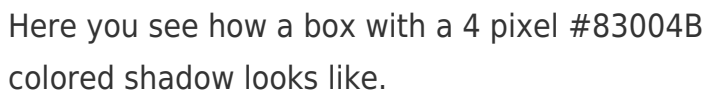
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83004B }
```

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

```
.border{ border-color:#83004B }
```

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



Here you see how a box with a 4 pixel #83004B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83004B; -webkit-box-shadow:4px 4px  
4px 4px #83004B; box-shadow:4px 4px 4px  
4px #83004B }
```

Background

The CSS property to change the background color of an element to Hex 83004B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83004B }
```

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

```
.background{ background-color:#83004B }
```

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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