

Converting Colors

Hex(800347)

Have a look what the booklet for
Hex(800347) contains.

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Color

Hex(800347)

Conversions

Conversions Part 1

Format	Color
Hex	800347
RGB	128, 3, 71
RGB Percent	50%, 1%, 28%
CMY	0.4980, 0.9882, 0.7216
CMYK	0.00, 0.98, 0.45, 0.50
HSL	327°, 95%, 26%
HSV	327°, 98%, 50%
XYZ	10.0720, 5.1093, 6.4166
YIQ	48.1270, 52.6720, 47.6480

Conversions

Conversions Part 2

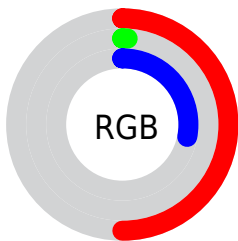
Format	Color
RYB	128, 3, 71
Decimal	8389447
CIELab	27.04, 51.07, -3.62
CIELCh	27, 51.202, 355.950
Yxy	5.1093, 0.4663, 0.2366
Android (android.graphics.Color)	4286579527 (0xFF800347)
YUV	48.1270, 11.2764, 70.0486
Hunter-Lab	22.6037, 39.9816, -1.0083

Details

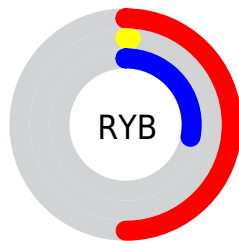
The Hex color **800347** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **03803C**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **B94677**, and **49001C** is the 20% darker color. If you saturate the color by 10%, you get **800046**, and if you desaturate by 10%, it is **80104D**.

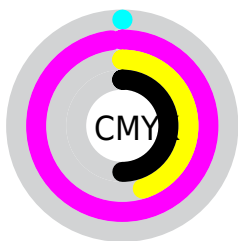
Distribution



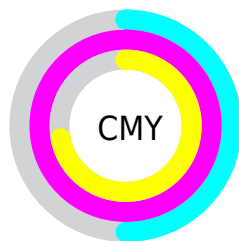
- Red (50%)
- Green (1%)
- Blue (28%)



- Red (50%)
- Yellow (1%)
- Blue (28%)



- Cyan (0%)
- Magenta (98%)
- Yellow (45%)
- Black (50%)



- Cyan (50%)
- Magenta (99%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 800347 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 800347 by changing the saturation by 10% instead.

 800347

 800347

FFFFFF

 640031

 B94677

 49001C

 D66191

 310002

 F47CAB

 000000

 FF98C7

 FFB4E3

 FFD0FF

 FFEDFF

 800347

 800347

■ 800046

■ 80104D

■ 801D53

■ 802959

■ 80365E

■ 804364

■ 80506A

■ 805D70

■ 806976

■ 80767C

Harmonies

Analogous

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



68206C



800347



811021

Triad

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



800347



2F4700



004E81

Complementary

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



800347



03803C

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.



005061



800347



004D0E

Square

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



800347



543D00



005039



00478F

Rectangle

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



800347



772305



005039



004F78

Sweetspot

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



800347



A67690



3B0380



543747



D4D4D4



545454

Same Dimension

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



800347



A6005A



800309



40393D



800045



000000

Inverse Universe

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



800347



A6005A



03807A



40393D



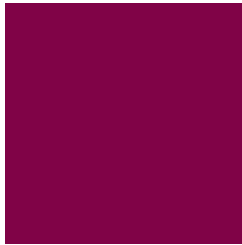
800045



000000

Previews

White Background



This preview shows how the Hex color 800347 looks on a white background.

Color Contrast Check

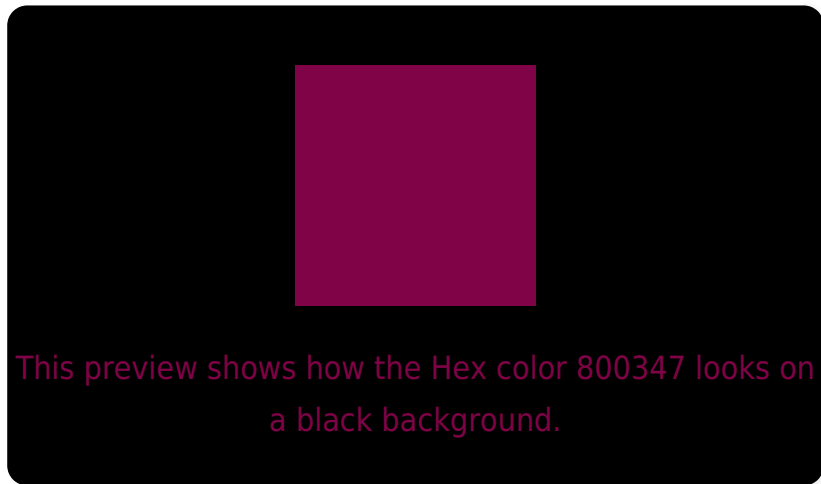
Large Text (above 18pt) WCAG AA ✓ Pass

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 800347 Background



This preview shows how black text looks on a background with the Hex color 800347.



This preview shows how white text looks on a background with the Hex color 800347.

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
800347

Protanopia
364266

Deuteranopia
4A4142

Trichromacy



Original Color
800347

Protanomaly
512B5B

Deuteranomaly
5E2A44

Tritanomaly
7F132C

Monochromacy



Original Color
800347

Achromatopsia
303030

Achromatomaly
4D2038

CSS Examples

Text

The CSS property to change the color of the text to Hex 800347 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 #800347 looks like.

```
.text, #text, p{  
    color:#800347  
}
```

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 #800347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800347
}
```

Border

The CSS property to change the border of an element to Hex 800347 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
#800347 }
```

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

```
.border{ border-color:#800347 }
```

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

Here you see how a box with a 4 pixel #800347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800347; -webkit-box-shadow:4px 4px  
4px 4px #800347; box-shadow:4px 4px 4px  
4px #800347 }
```

Background

The CSS property to change the background color of an element to Hex 800347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800347 }
```

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

```
.background{ background-color:#800347 }
```

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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