

Converting Colors

Hex(803346)

Have a look what the booklet for
Hex(803346) contains.

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Color

Hex(803346)

Conversions

Conversions Part 1

Format	Color
Hex	803346
RGB	128, 51, 70
RGB Percent	50%, 20%, 27%
CMY	0.4980, 0.8000, 0.7255
CMYK	0.00, 0.60, 0.45, 0.50
HSL	345°, 43%, 35%
HSV	345°, 60%, 50%
XYZ	11.1914, 7.3990, 6.6327
YIQ	76.1890, 39.7930, 22.2330

Conversions

Conversions Part 2

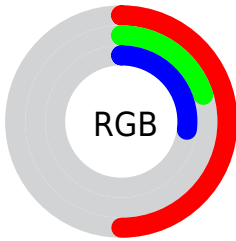
Format	Color
R_{YB}	128, 51, 70
Decimal	8401734
CIE _{Lab}	32.70, 35.16, 5.27
CIE _{LCh}	33, 35.552, 8.524
Yxy	7.3990, 0.4437, 0.2933
Android (android.graphics.Color)	4286591814 (0xFF803346)
YUV	76.1890, -3.0512, 45.4382
Hunter-Lab	27.2012, 25.8383, 4.5837

Details

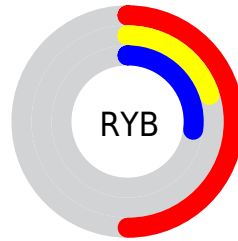
The Hex color **803346** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33806D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B86576**, and **4B001B** is the 20% darker color. If you saturate the color by 10%, you get **80263C**, and if you desaturate by 10%, it is **804050**.

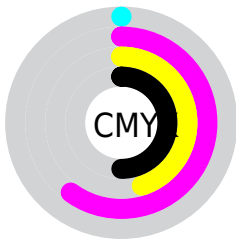
Distribution



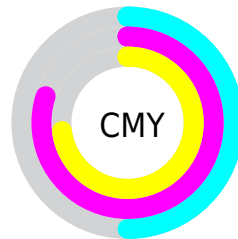
- Red (50%)
- Green (20%)
- Blue (27%)



- Red (50%)
- Yellow (20%)
- Blue (27%)



- Cyan (0%)
- Magenta (60%)
- Yellow (45%)
- Black (50%)



- Cyan (50%)
- Magenta (80%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 803346 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 803346 by changing the saturation by 10% instead.

 803346

 803346

FFFFFF

 651A30

 B86576

 4B001B

 D57F90

 330000

 F299AA

 0A0000

 FFB5C5

 000000

 FFD1E1

 FFEDFE

 803346

 803346

 80263C

 804050

■ 801933

■ 804D59

■ 800D29

■ 805963

■ 800020

■ 80666D

■ 807376

■ 808080

■ 808D89

■ 809993

■ 80A69D

Harmonies

Analogous

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



753762



803346



7C392B

Triad

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



803346



36551E



005581

Complementary

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



803346



33806D

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.



00596F



803346



005937

Square

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



803346



544E10



005B54



234D84

Rectangle

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



803346



72401D



005B54



00577C

Sweetspot

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



803346



A6888F



6D3380



544246



D4D4D4



545454

Same Dimension

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



803346



A62E4C



804633



40393B



80001F



000000

Inverse Universe

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



803346



A62E4C



336D80



40393B



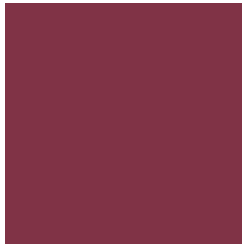
80001F



000000

Previews

White Background



This preview shows how the Hex color 803346 looks on a white background.

Color Contrast Check

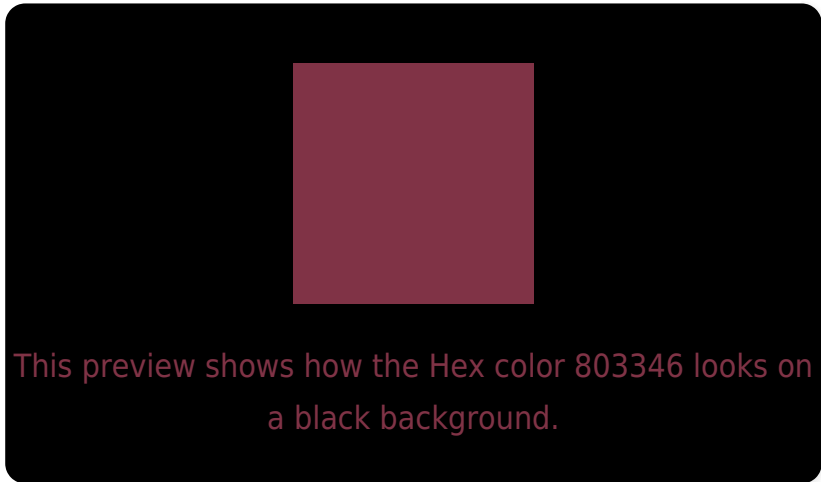
Large Text (above 18pt) WCAG AA ✓ Pass

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

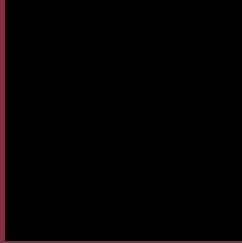
Any Text WCAG AA × Fail

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 803346 Background



This preview shows how black text looks on a background with the Hex color 803346.



This preview shows how white text looks on a background with the Hex color 803346.

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
803346

Protanopia
4D4D55

Deuteranopia
594B42



Tritanopia
7F3539

Trichromacy



Original Color

803346

Protanomaly

604450

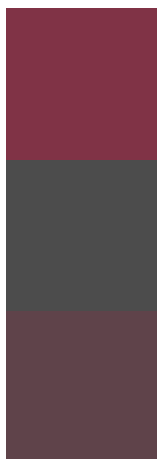
Deuteranomaly

674243

Tritanomaly

7F343E

Monochromacy



Original Color

803346

Achromatopsia

4C4C4C

Achromatomaly

5F434A

CSS Examples

Text

The CSS property to change the color of the text to Hex 803346 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 #803346 looks like.

```
.text, #text, p{  
  color:#803346  
}
```

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 #803346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803346
}
```

Border

The CSS property to change the border of an element to Hex 803346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

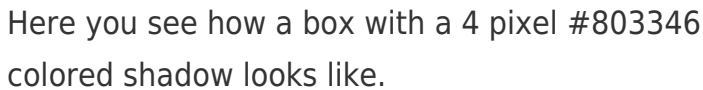
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803346 }
```

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

```
.border{ border-color:#803346 }
```

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



Here you see how a box with a 4 pixel #803346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803346; -webkit-box-shadow:4px 4px  
4px 4px #803346; box-shadow:4px 4px 4px  
4px #803346 }
```

Background

The CSS property to change the background color of an element to Hex 803346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803346 }
```

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

```
.background{ background-color:#803346 }
```

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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