

Converting Colors

Hex(844291)

Have a look what the booklet for
Hex(844291) contains.

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Color

Hex(844291)

Conversions

Conversions Part 1	
Format	Color
Hex	844291
RGB	132, 66, 145
RGB Percent	52%, 26%, 57%
CMY	0.4824, 0.7412, 0.4314
CMYK	0.09, 0.54, 0.00, 0.43
HSL	290°, 37%, 41%
HSV	290°, 54%, 57%
XYZ	16.5748, 10.8463, 28.0080
YIQ	94.7400, 13.9770, 38.5610

Conversions

Conversions Part 2

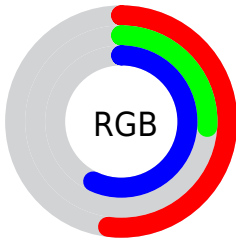
Format	Color
RYB	132, 66, 145
Decimal	8667793
CIELab	39.32, 40.89, -31.82
CIELCh	39, 51.813, 322.118
Yxy	10.8463, 0.2990, 0.1957
Android (android.graphics.Color)	4286857873 (0xFF844291)
YUV	94.7400, 24.7782, 32.6770
Hunter-Lab	32.9337, 32.2009, -27.3688

Details

The Hex color **844291** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4F9142**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **BB75C7**, and **500E5E** is the 20% darker color. If you saturate the color by 10%, you get **823491**, and if you desaturate by 10%, it is **865191**.

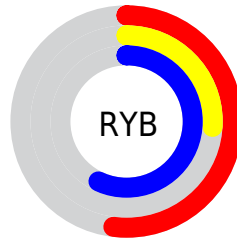
Distribution



Red (52%)

Green (26%)

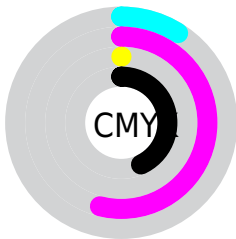
Blue (57%)



Red (52%)

Yellow (26%)

Blue (57%)

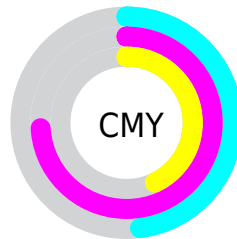


Cyan (9%)

Magenta (54%)

Yellow (0%)

Black (43%)



Cyan (48%)

Magenta (74%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 844291 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 844291 by changing the saturation by 10% instead.

 844291

 844291

FFFFFF

 6A2977

 BB75C7

 500E5E

 D78FE3

 370046

 F4AAFF

 23002F

 FFC6FF

 000119

 FFE3FF

 000000

 844291

 844291

 823491

 865191

 7F2591

 895F91

 7D1791

 8B6E91

 7A0891

 8E7C91

 790091

 908B91

 929991

 95A891

 97B691

 99C491

Harmonies

Analogous

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



4356AB



844291



A2316A

Triad

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



844291



795700



00707B

Complementary

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



844291



4F9142

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.



006F50



844291



526400

Square

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



844291



974519



126B25



006D9F

Rectangle

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



844291



A72F4D



126B25



00706D

Sweetspot

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



844291



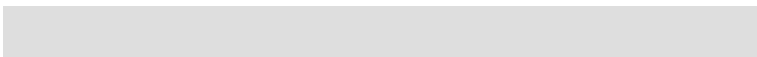
B89FBD



424F91



5B4C5E



DEDEDE



5E5E5E

Same Dimension

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



844291



A942BD



914277



464047



710087



060008

Inverse Universe

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



91424F



BD4256



42915C



474041



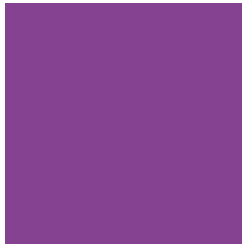
870016



080001

Previews

White Background



This preview shows how the Hex color 844291 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 × Fail

Black Background



This preview shows how the Hex color 844291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

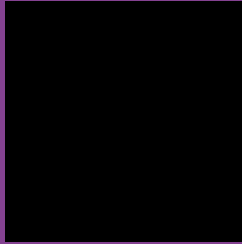
Any Text WCAG AA × Fail

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 844291 Background



This preview shows how black text looks on a background with the Hex color 844291.



This preview shows how white text looks on a background with the Hex color 844291.

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

844291

Protanopia

385BA8





Deuteranopia

475D8C






Tritanopia
7C5157

Trichromacy

	Original Color 844291
	Protanomaly 5452A0
	Deuteranomaly 5D538E
	Tritanomaly 7F4C6C

Monochromacy

	Original Color 844291
	Achromatopsia 5F5F5F
	Achromatomaly 6C5471

CSS Examples

Text

The CSS property to change the color of the text to Hex 844291 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 #844291 looks like.

```
.text, #text, p{  
    color:#844291  
}
```

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 #844291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844291
}
```

Border

The CSS property to change the border of an element to Hex 844291 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
#844291 }
```

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

```
.border{ border-color:#844291 }
```

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

Here you see how a box with a 4 pixel #844291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844291; -webkit-box-shadow:4px 4px  
4px 4px #844291; box-shadow:4px 4px 4px  
4px #844291 }
```

Background

The CSS property to change the background color of an element to Hex 844291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844291 }
```

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

```
.background{ background-color:#844291 }
```

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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