

Converting Colors

Hex(84429A)

Have a look what the booklet for
Hex(84429A) contains.

Hex(84429A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(84429A)

Conversions

Conversions Part 1

Format	Color
Hex	84429A
RGB	132, 66, 154
RGB Percent	52%, 26%, 60%
CMY	0.4824, 0.7412, 0.3961
CMYK	0.14, 0.57, 0.00, 0.40
HSL	285°, 40%, 43%
HSV	285°, 57%, 60%
XYZ	17.2967, 11.1351, 31.8095
YIQ	95.7660, 11.0880, 41.3600

Conversions

Conversions Part 2

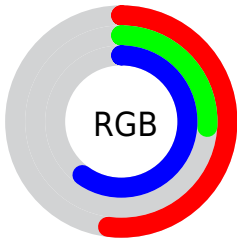
Format	Color
R_{YB}	132, 66, 154
Decimal	8667802
CIE _{Lab}	39.81, 42.79, -36.49
CIE _{LCh}	40, 56.239, 319.548
Yxy	11.1351, 0.2871, 0.1848
Android (android.graphics.Color)	4286857882 (0xFF84429A)
YUV	95.7660, 28.7094, 31.7772
Hunter-Lab	33.3692, 34.1279, -33.1602

Details

The Hex color **84429A** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **589A42**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **BB75D1**, and **500D66** is the 20% darker color. If you saturate the color by 10%, you get **80339A**, and if you desaturate by 10%, it is **88519A**.

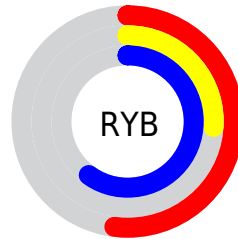
Distribution



Red (52%)

Green (26%)

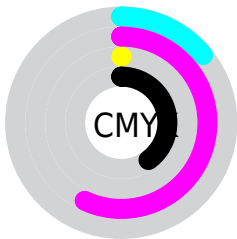
Blue (60%)



Red (52%)

Yellow (26%)

Blue (60%)

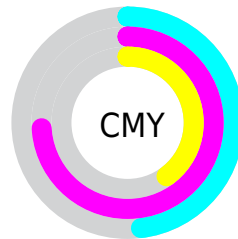


Cyan (14%)

Magenta (57%)

Yellow (0%)

Black (40%)



Cyan (48%)

Magenta (74%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84429A 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 84429A by changing the saturation by 10% instead.

84429A

84429A

FFFFFF

692980

BB75D1

500D66

D890ED

36004E

F5ABFF

220037

FFC7FF

000220

FFE3FF

000004

000000

84429A

84429A

80339A

88519A

7C239A

8C619A

78149A

90709A

75049A

93809A

73009A

978F9A

9B9E9A

9FAE9A

A3BD9A

A7CD9A

Harmonies

Analogous

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



3359B5



84429A



A72C70

Triad

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



84429A



7F5600



00727B

Complementary

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



84429A



589A42

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.



00714C



84429A



566500

Square

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



84429A



9E4116



0F6D1B



0070A3

Rectangle

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



84429A



AE2851



0F6D1B



00726C

Sweetspot

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



84429A



C1A7C9



42589A



615266



E6E6E6



666666

Same Dimension

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



84429A



A73EC9



9A4284



4B454D



69008C



0A000D

Inverse Universe

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



9A4258



C93E61



429A58



4D4547



8C0023



0D0003

Previews

White Background



This preview shows how the Hex color 84429A looks on a white background.

Color Contrast Check

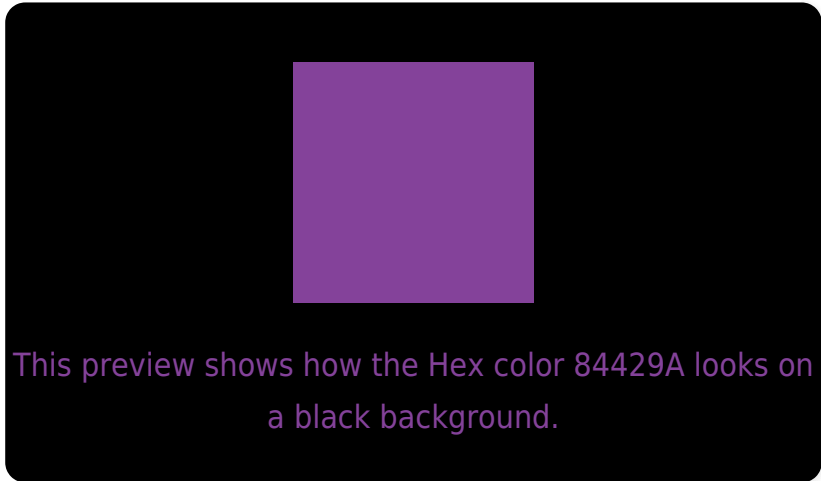
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

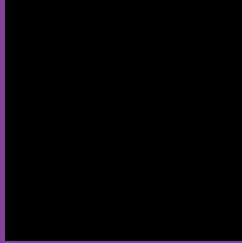
Any Text WCAG AA × Fail

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 84429A Background



This preview shows how black text looks on a background with the Hex color 84429A.



This preview shows how white text looks on a background with the Hex color 84429A.

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
7B535A

Trichromacy



Original Color
84429A



Protanomaly
4E52A9



Deuteranomaly
595497



Tritanomaly
7E4D71

Monochromacy



Original Color
84429A



Achromatopsia
606060



Achromatomaly
6D5575

CSS Examples

Text

The CSS property to change the color of the text to Hex 84429A 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 #84429A looks like.

```
.text, #text, p{  
    color:#84429A  
}
```

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 #84429A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84429A
}
```

Border

The CSS property to change the border of an element to Hex 84429A is called "border". The border property can be set on classes, ids or directly on the HTML element.

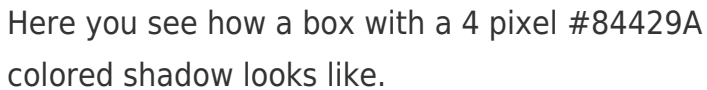
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84429A }
```

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

```
.border{ border-color:#84429A }
```

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



Here you see how a box with a 4 pixel #84429A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84429A; -webkit-box-shadow:4px 4px  
4px 4px #84429A; box-shadow:4px 4px 4px  
4px #84429A }
```

Background

The CSS property to change the background color of an element to Hex 84429A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84429A }
```

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

```
.background{ background-color:#84429A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor