

# Converting Colors

Hex(83428A)

Have a look what the booklet for  
Hex(83428A) contains.

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# Color

**Hex(83428A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83428A
RGB	131, 66, 138
RGB Percent	51%, 26%, 54%
CMY	0.4863, 0.7412, 0.4588
CMYK	0.05, 0.52, 0.00, 0.46
HSL	294°, 35%, 40%
HSV	294°, 52%, 54%
XYZ	15.8957, 10.5567, 25.2446
YIQ	93.6430, 15.6280, 36.1720

# Conversions

## Conversions Part 2

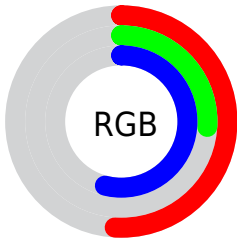
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 66, 138
Decimal	8602250
CIE <sub>Lab</sub>	38.82, 39.17, -28.34
CIE <sub>LCh</sub>	39, 48.347, 324.109
Yxy	10.5567, 0.3075, 0.2042
Android (android.graphics.Color)	4286792330 (0xFF83428A)
YUV	93.6430, 21.8680, 32.7621
Hunter-Lab	32.4911, 30.4688, -23.3228

# Details

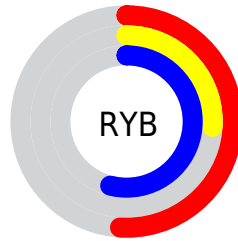
The Hex color **83428A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **498A42**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **BA75C0**, and **4F0F58** is the 20% darker color. If you saturate the color by 10%, you get **82348A**, and if you desaturate by 10%, it is **84508A**.

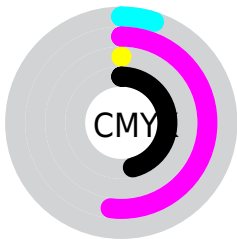
# Distribution



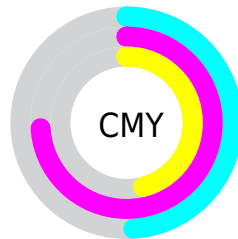
- Red (51%)
- Green (26%)
- Blue (54%)



- Red (51%)
- Yellow (26%)
- Blue (54%)



- Cyan (5%)
- Magenta (52%)
- Yellow (0%)
- Black (46%)



- Cyan (49%)
- Magenta (74%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83428A 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 83428A by changing the saturation by 10% instead.



83428A

83428A

FFFFFF

692970

BA75C0

4F0F58

D68FDC

360040

F3AAF8

22002A

FFC6FF

000113

FFE2FF

000000

83428A

83428A

82348A

84508A

80268A

865E8A

 7F198A

 876B8A

 7E0B8A

 88798A

 7D008A

 8A878A

 8B958A

 8CA38A

 8EB08A

 8FBE8A

# Harmonies

## Analogous

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



4B54A4



83428A



9D3465

# Triad

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



83428A



755700



006D7A

# Complementary

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



83428A



498A42

# 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.



006D52



83428A



506304

# Square

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



83428A



91471B



146A2A



006A9B

# Rectangle

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



83428A



A2344B



146A2A



006E6D



# Sweetspot

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



83428A



B096B3



42498A



584859



D9D9D9



595959



# Same Dimension

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



83428A



A842B3



8A426D



443E45



780085



050005



# Inverse Universe

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



8A4249



B3424D



428A5F



453E3F



85000D

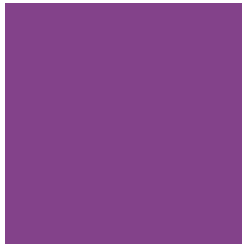


050000



# Previews

## White Background



This preview shows how the Hex color 83428A looks on a white background.

## Color Contrast Check

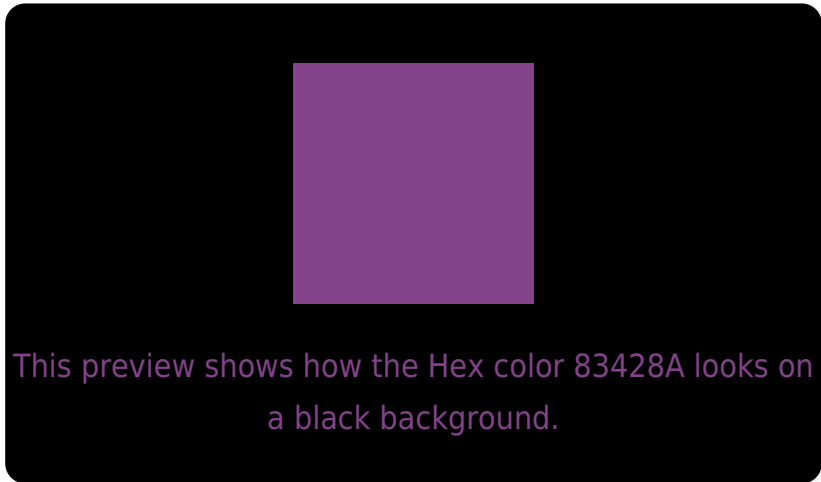
Large Text (above 18pt) WCAG AA ✓ Pass

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

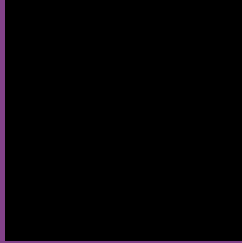
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83428A Background



This preview shows how black text looks on a background with the Hex color 83428A.

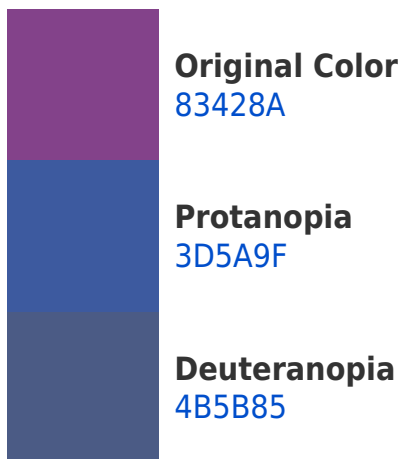



This preview shows how white text looks on a background with the Hex color 83428A.

# 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](#).

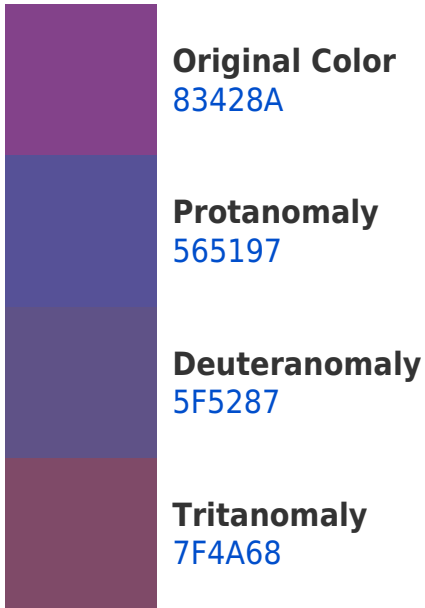
## Dichromacy



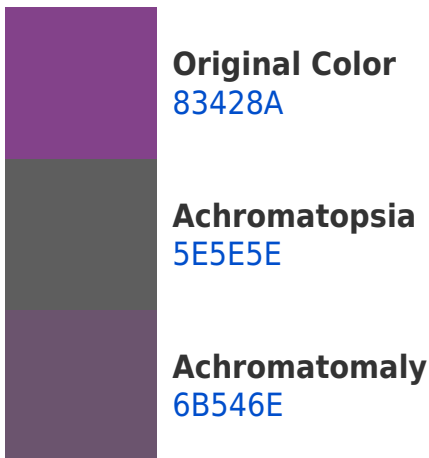


**Tritanopia**  
7C4F55

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83428A 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 #83428A looks like.

```
.text, #text, p{  
    color:#83428A  
}
```

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 #83428A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83428A
}
```

## Border

The CSS property to change the border of an element to Hex 83428A is called "border". The border property can be set on classes, ids or directly on the HTML element.

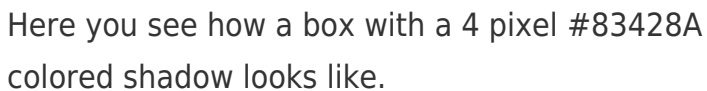
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83428A }
```

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

```
.border{ border-color:#83428A }
```

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



Here you see how a box with a 4 pixel #83428A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83428A; -webkit-box-shadow:4px 4px  
4px 4px #83428A; box-shadow:4px 4px 4px  
4px #83428A }
```

# Background

The CSS property to change the background color of an element to Hex 83428A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83428A }
```

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

```
.background{ background-color:#83428A }
```

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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