

# Converting Colors

Hex(C43A8B)

Have a look what the booklet for  
Hex(C43A8B) contains.

<b>Hex(C43A8B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C43A8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C43A8B
RGB	196, 58, 139
RGB Percent	77%, 23%, 55%
CMY	0.2314, 0.7725, 0.4549
CMYK	0.00, 0.70, 0.29, 0.23
HSL	325°, 54%, 50%
HSV	325°, 70%, 77%
XYZ	28.9382, 16.6260, 26.1100
YIQ	108.4960, 56.2470, 54.4470

# Conversions

## Conversions Part 2

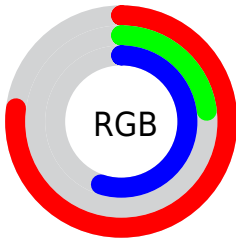
Format	Color
R <sub>Y</sub> B	196, 58, 139
Decimal	12860043
CIE Lab	47.79, 61.43, -14.28
CIE LCh	48, 63.069, 346.914
Yxy	16.6260, 0.4037, 0.2320
Android (android.graphics.Color)	4291050123 (0xFFC43A8B)
YUV	108.4960, 15.0385, 76.7410
Hunter-Lab	40.7749, 55.3263, -9.4236

# Details

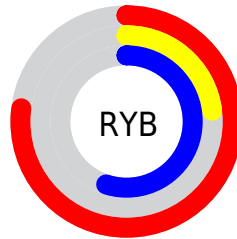
The Hex color **C43A8B** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **3AC473**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF74C1**, and **8A0059** is the 20% darker color. If you saturate the color by 10%, you get **C42683**, and if you desaturate by 10%, it is **C44E93**.

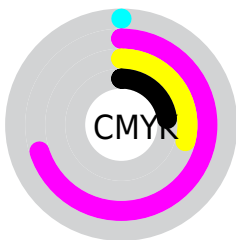
# Distribution



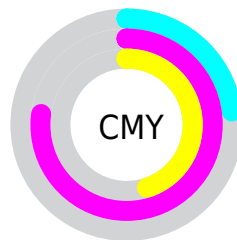
- Red (77%)
- Green (23%)
- Blue (55%)



- Red (77%)
- Yellow (23%)
- Blue (55%)



- Cyan (0%)
- Magenta (70%)
- Yellow (29%)
- Black (23%)



- Cyan (23%)
- Magenta (77%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C43A8B 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 C43A8B by changing the saturation by 10% instead.



 C43A8B

 C43A8B

FFFFFF

 A71671

 FF74C1

 8A0059

 FF90DC

 6E0041

 FFACF9

 52002B

 FFC9FF

 380017

 FFE6FF

 140000

 000000

 C43A8B

 C43A8B

 C42683

 C44E93

 C4137B

 C4619B

 C40073

 C475A3

 C488AB

 C49CB3

 C4B0BC

 C4C3C4

 C4D7CC

 C4EAD4

# Harmonies

## Analogous

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



9854BB



C43A8B



CF3756

# Triad

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



C43A8B



6D7800



0087BE

# Complementary

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



C43A8B



3AC473

# 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.



00898F



C43A8B



268320

# Square

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



C43A8B



9C6700



008857



007EDA

# Rectangle

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



C43A8B



C64534



008857



0088B0



# Sweetspot

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



C43A8B



FFC9E9



713AC4



806072



000000



808080



# Same Dimension

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



C43A8B



FF29A7



C43A48



61575D



A1005E



210013



# Inverse Universe

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



C43A8B



FF29A7



3AC4B6



61575D



A1005E



210013



# Previews

## White Background



This preview shows how the Hex color C43A8B looks on a white background.

## Color Contrast Check

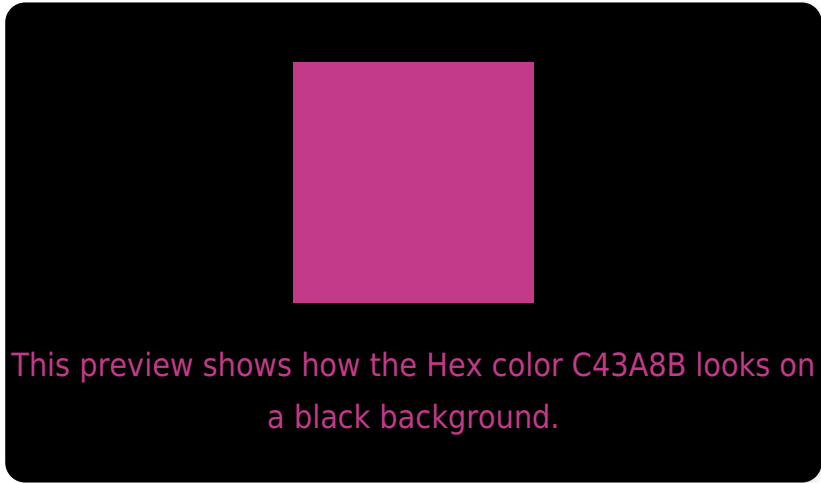
Large Text (above 18pt) WCAG AA ✓ Pass

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 C43A8B Background



This preview shows how black text looks on a background with the Hex color C43A8B.

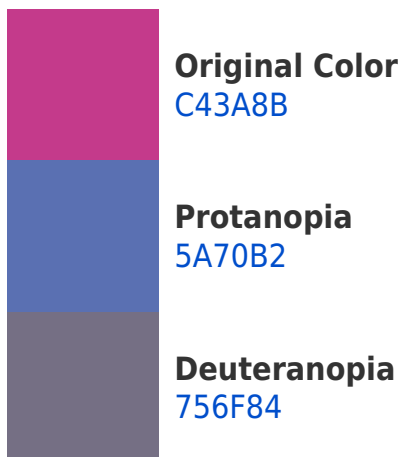


This preview shows how white text looks on a background with the Hex color C43A8B.

# 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**  
BF4A4F

# Trichromacy



**Original Color**  
C43A8B



**Protanomaly**  
815CA4



**Deuteranomaly**  
925C87

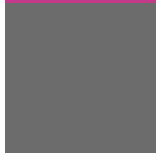


**Tritanomaly**  
C14465

# Monochromacy



**Original Color**  
C43A8B



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
8C5A77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C43A8B 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 #C43A8B looks like.

```
.text, #text, p{  
    color:#C43A8B  
}
```

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 #C43A8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C43A8B
}
```

## Border

The CSS property to change the border of an element to Hex C43A8B 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
#C43A8B }
```

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

```
.border{ border-color:#C43A8B }
```

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

Here you see how a box with a 4 pixel #C43A8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C43A8B; -webkit-box-shadow:4px 4px  
4px 4px #C43A8B; box-shadow:4px 4px 4px  
4px #C43A8B }
```

# Background

The CSS property to change the background color of an element to Hex C43A8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C43A8B }
```

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

```
.background{ background-color:#C43A8B }
```

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