

# Converting Colors

Hex(C7438A)

Have a look what the booklet for  
Hex(C7438A) contains.

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**Color**

**Hex(C7438A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7438A
RGB	199, 67, 138
RGB Percent	78%, 26%, 54%
CMY	0.2196, 0.7373, 0.4588
CMYK	0.00, 0.66, 0.31, 0.22
HSL	328°, 54%, 52%
HSV	328°, 66%, 78%
XYZ	30.1478, 17.9914, 25.9285
YIQ	114.5620, 55.8810, 50.0650

# Conversions

## Conversions Part 2

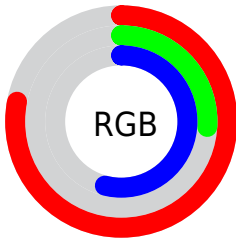
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	199, 67, 138
Decimal	13058954
CIE Lab	49.49, 58.72, -11.06
CIE LCh	49, 59.757, 349.334
Yxy	17.9914, 0.4070, 0.2429
Android (android.graphics.Color)	4291249034 (0xFFC7438A)
YUV	114.5620, 11.5549, 74.0521
Hunter-Lab	42.4163, 52.6422, -6.5518

# Details

The Hex color **C7438A** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **43C780**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7BBF**, and **8D0058** is the 20% darker color. If you saturate the color by 10%, you get **C72F81**, and if you desaturate by 10%, it is **C75793**.

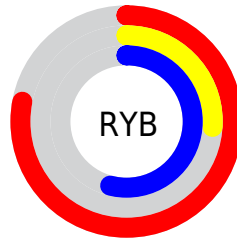
# Distribution



Red (78%)

Green (26%)

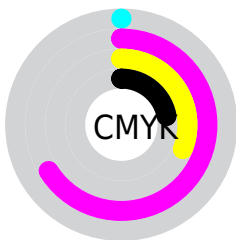
Blue (54%)



Red (78%)

Yellow (26%)

Blue (54%)

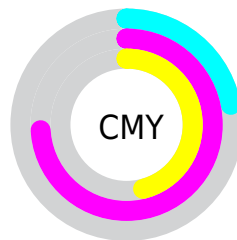


Cyan (0%)

Magenta (66%)

Yellow (31%)

Black (22%)



Cyan (22%)

Magenta (74%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7438A 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 C7438A by changing the saturation by 10% instead.



 C7438A

 C7438A

FFFFFF

 AA2471

 FF7BBF

 8D0058

 FF97DB

 710041

 FFB4F8

 55002B

 FFD0FF

 3C0017

 FFEEFF

 1A0001

 000000

 C7438A

 C7438A

 C72F81

 C75793

 C71B78

 C76B9C

 C7076E

 C77FA6

 C7006B

 C793AF

 C7A7B8

 C7BAC1

 C7CECA

 C7E2D4

 C7F6DD

# Harmonies

## Analogous

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



A058B8



C7438A



CF4357

# Triad

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



C7438A



6E7D00



008AC2

# Complementary

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



C7438A



43C780

# 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.



008D96



C7438A



2B872E

# Square

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



C7438A



9C6D00



008C61



0081DA

# Rectangle

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



C7438A



C74F38



008C61



008BB5



# Sweetspot

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



C7438A



FFCCE7



7E43C7



806171



000000



808080



# Same Dimension

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



C7438A



FF33A1



C7434A



635A5F



A30058



240013



# Inverse Universe

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



C7438A



FF33A1



43C7C0



635A5F



A30058



240013



# Previews

## White Background



This preview shows how the Hex color C7438A looks on a white background.

## Color Contrast Check

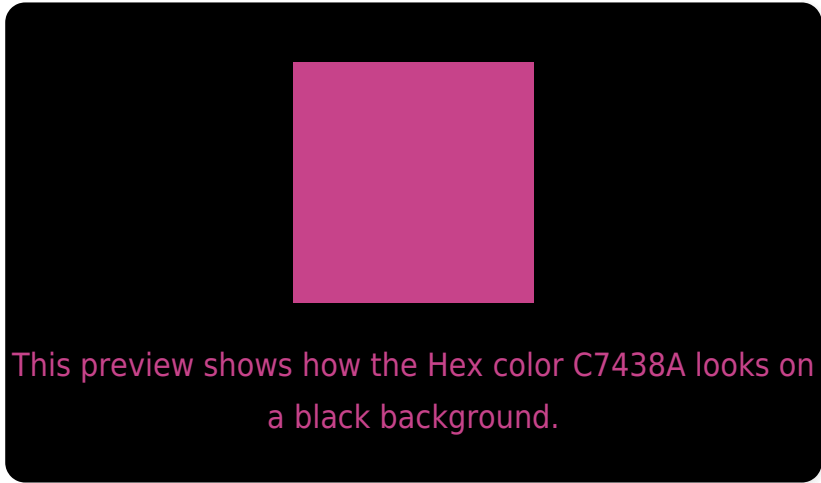
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C7438A Background



This preview shows how black text looks on a background with the Hex color C7438A.

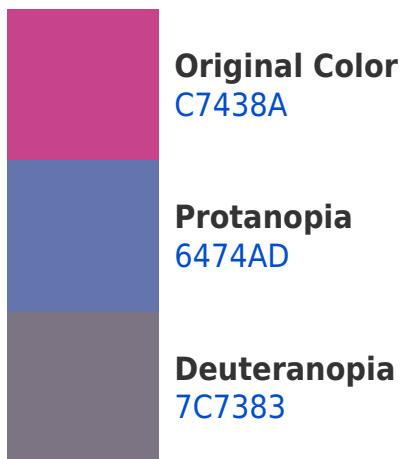


This preview shows how white text looks on a background with the Hex color C7438A.

# 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





# Trichromacy



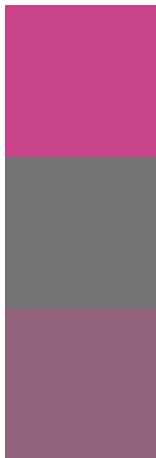
**Original Color**  
C7438A

**Protanomaly**  
8862A0

**Deuteranomaly**  
976286

**Tritanomaly**  
C44B68

# Monochromacy



**Original Color**  
C7438A

**Achromatopsia**  
737373

**Achromatomaly**  
92627B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7438A 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 #C7438A looks like.

```
.text, #text, p{  
    color:#C7438A  
}
```

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 #C7438A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7438A
}
```

## Border

The CSS property to change the border of an element to Hex C7438A 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
#C7438A }
```

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

```
.border{ border-color:#C7438A }
```

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

Here you see how a box with a 4 pixel #C7438A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7438A; -webkit-box-shadow:4px 4px  
4px 4px #C7438A; box-shadow:4px 4px 4px  
4px #C7438A }
```

# Background

The CSS property to change the background color of an element to Hex C7438A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7438A }
```

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

```
.background{ background-color:#C7438A }
```

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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