

# Converting Colors

Hex(C2087A)

Have a look what the booklet for  
Hex(C2087A) contains.

<b>Hex(C2087A)</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(C2087A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2087A
RGB	194, 8, 122
RGB Percent	76%, 3%, 48%
CMY	0.2392, 0.9686, 0.5216
CMYK	0.00, 0.96, 0.37, 0.24
HSL	323°, 92%, 40%
HSV	323°, 96%, 76%
XYZ	25.8478, 13.0481, 19.5686
YIQ	76.6100, 74.2620, 74.8860

# Conversions

## Conversions Part 2

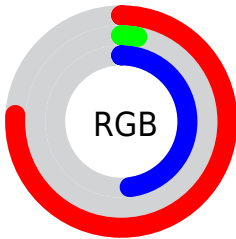
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 8, 122
Decimal	12716154
CIELab	42.84, 70.34, -11.43
CIELCh	43, 71.260, 350.774
Yxy	13.0481, 0.4421, 0.2232
Android (android.graphics.Color)	4290906234 (0xFFC2087A)
YUV	76.6100, 22.3773, 102.9510
Hunter-Lab	36.1222, 64.5146, -6.8338

# Details

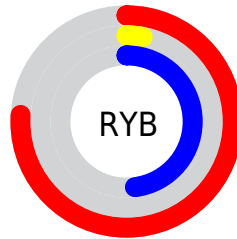
The Hex color **C2087A** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **08C250**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF58AE**, and **870049** is the 20% darker color. If you saturate the color by 10%, you get **C20077**, and if you desaturate by 10%, it is **C21B82**.

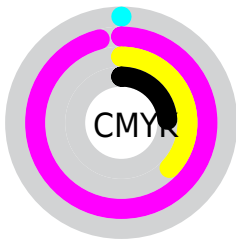
# Distribution



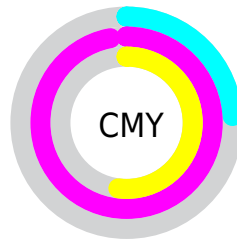
- Red (76%)
- Green (3%)
- Blue (48%)



- Red (76%)
- Yellow (3%)
- Blue (48%)



- Cyan (0%)
- Magenta (96%)
- Yellow (37%)
- Black (24%)



- Cyan (24%)
- Magenta (97%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2087A 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 C2087A by changing the saturation by 10% instead.



 C2087A

 C2087A

FFFFFF

 A40061

 FF58AE

 870049

 FF76CA

 690033

 FF93E6

 4D001E

 FFB1FF

 320002

 FFCEFF

 000000

 FFECFF

 C2087A

 C2087A

 C20077

 C21B82

 C22F89

 C24291

 C25698

 C269A0

 C27CA7

 C290AF

 C2A3B6

 C2B7BE

# Harmonies

## Analogous

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



973CB1



C2087A



C81040

# Triad

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



C2087A



556E00



007BC0

# Complementary

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



C2087A



08C250

# 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.



007E8E



C2087A



007808

# Square

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



C2087A



8B5C00



007D50



0072DB

# Rectangle

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



C2087A



BC3219



007D50



007DB2



# Sweetspot

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



C2087A



FCB3E0



4F08C2



80536E



000000



808080



# Same Dimension

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



C2087A



FC009B



C2081E



61575D



A10062



210014



# Inverse Universe

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



C2087A



FC009B



08C2AC



61575D



A10062



210014



# Previews

## White Background



This preview shows how the Hex color C2087A looks on a white background.

## Color Contrast Check

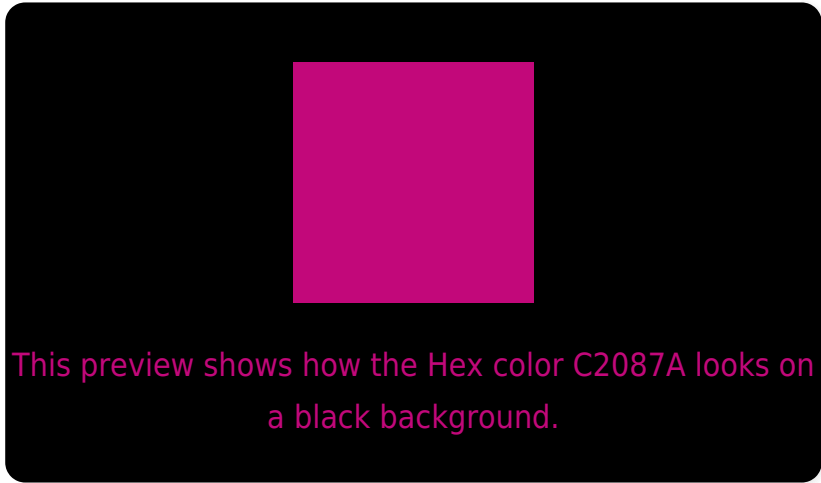
Large Text (above 18pt) WCAG AA ✓ Pass

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 C2087A Background



This preview shows how black text looks on a background with the Hex color C2087A.

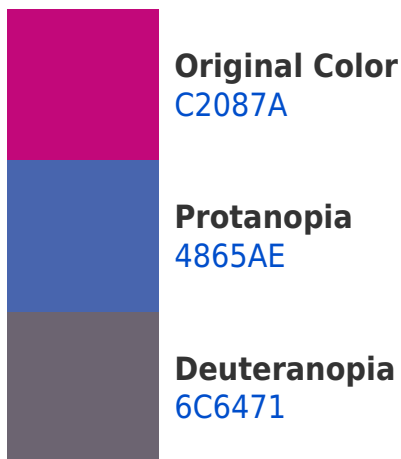


This preview shows how white text looks on a background with the Hex color C2087A.

# 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**  
C2087A



**Protanomaly**  
74439B



**Deuteranomaly**  
8B4374

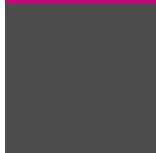


**Tritanomaly**  
BF224C

# Monochromacy



**Original Color**  
C2087A



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
78345D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2087A 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 #C2087A looks like.

```
.text, #text, p{  
    color:#C2087A  
}
```

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 #C2087A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2087A
}
```

## Border

The CSS property to change the border of an element to Hex C2087A 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
#C2087A }
```

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

```
.border{ border-color:#C2087A }
```

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

Here you see how a box with a 4 pixel #C2087A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2087A; -webkit-box-shadow:4px 4px  
4px 4px #C2087A; box-shadow:4px 4px 4px  
4px #C2087A }
```

# Background

The CSS property to change the background color of an element to Hex C2087A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2087A }
```

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

```
.background{ background-color:#C2087A }
```

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**