

# Converting Colors

Hex(C222A2)

Have a look what the booklet for  
Hex(C222A2) contains.

<b>Hex(C222A2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C222A2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C222A2
RGB	194, 34, 162
RGB Percent	76%, 13%, 64%
CMY	0.2392, 0.8667, 0.3647
CMYK	0.00, 0.82, 0.16, 0.24
HSL	312°, 70%, 45%
HSV	312°, 82%, 76%
XYZ	29.3417, 15.2220, 35.5741
YIQ	96.4320, 54.2720, 73.7280

# Conversions

## Conversions Part 2

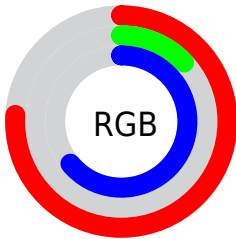
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	194, 34, 162
Decimal	12722850
CIE <sub>Lab</sub>	45.94, 70.96, -30.96
CIE <sub>LCh</sub>	46, 77.416, 336.426
Yxy	15.2220, 0.3661, 0.1899
Android (android.graphics.Color)	4290912930 (0xFFC222A2)
YUV	96.4320, 32.3250, 85.5671
Hunter-Lab	39.0154, 65.9649, -26.7496

# Details

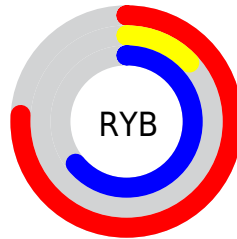
The Hex color **C222A2** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **22C242**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FE64D9**, and **88006E** is the 20% darker color. If you saturate the color by 10%, you get **C20F9E**, and if you desaturate by 10%, it is **C235A6**.

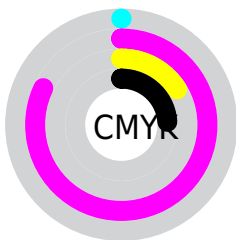
# Distribution



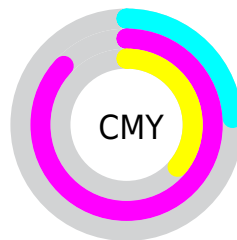
- Red (76%)
- Green (13%)
- Blue (64%)



- Red (76%)
- Yellow (13%)
- Blue (64%)



- Cyan (0%)
- Magenta (82%)
- Yellow (16%)
- Black (24%)



- Cyan (24%)
- Magenta (87%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C222A2 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 C222A2 by changing the saturation by 10% instead.



 C222A2

 C222A2

FFFFFF

 A50088

 FE64D9

 88006E

 FF81F6

 6B0055

 FF9EFF

 50003D

 FFBCFF

 350027

 FFD9FF

 120010

 FFF7FF

 000000

 C222A2

 C222A2

 C20F9E

 C235A6

 C2009B

 C249AA

 C25CAE

 C270B2

 C283B5

 C296B9

 C2AABD

 C2BDC1

 C2D1C5

# Harmonies

## Analogous

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



7A53D7



C222A2



DA0062

# Triad

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



C222A2



796F00



0087B9

# Complementary

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



C222A2



22C242

# 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.



00877A



C222A2



2D7D00

# Square

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



C222A2



AC5500



008434



0081E5

# Rectangle

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



C222A2



D71538



008434



0088A5



# Sweetspot

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



C222A2



FCBDF0



4222C2



805978



000000



808080



# Same Dimension

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



C222A2



FC03CA



C22252



61575F



A10081



21001B



# Inverse Universe

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



C222A2



FC03CA



22C292



61575F



A10081



21001B



# Previews

## White Background



This preview shows how the Hex color C222A2 looks on a white background.

## Color Contrast Check

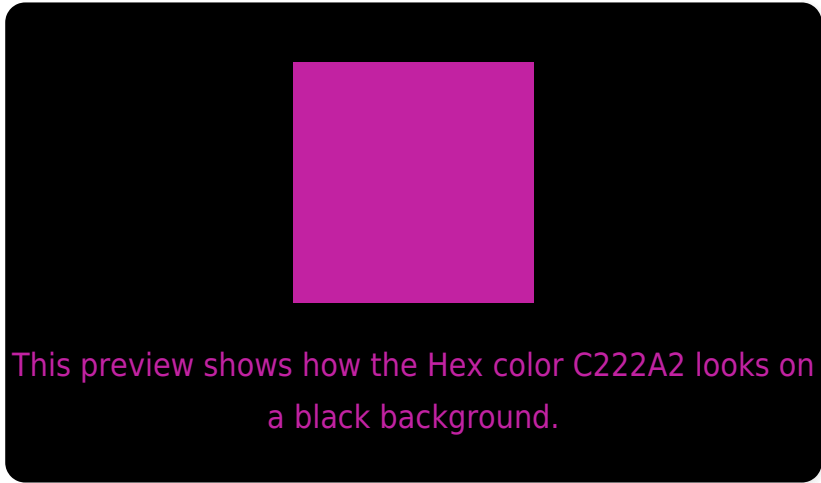
Large Text (above 18pt) WCAG AA ✓ Pass

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

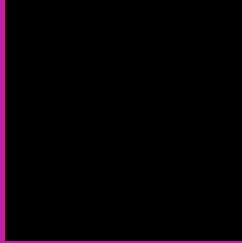
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C222A2 Background



This preview shows how black text looks on a background with the Hex color C222A2.

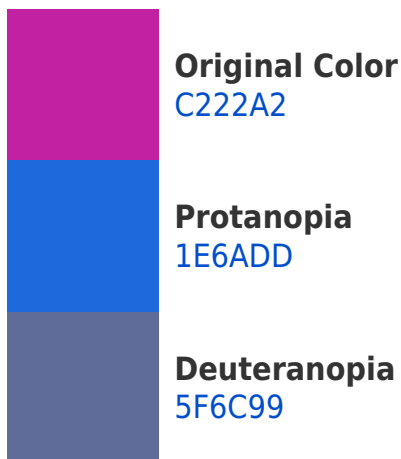



This preview shows how white text looks on a background with the Hex color C222A2.

# 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](#).

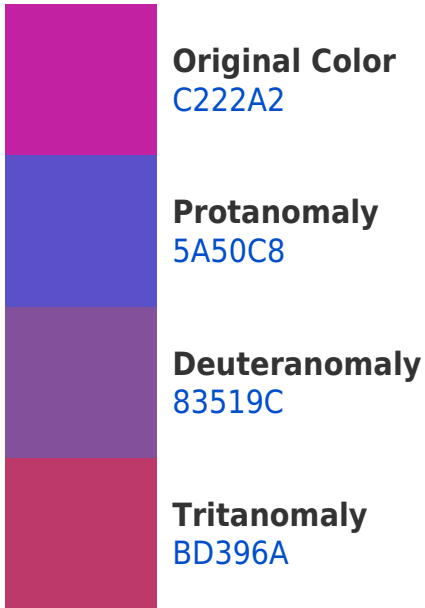
## Dichromacy



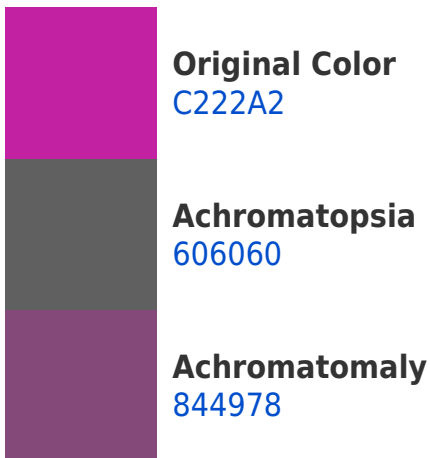


**Tritanopia**  
BA464A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C222A2 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 #C222A2 looks like.

```
.text, #text, p{  
    color:#C222A2  
}
```

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 #C222A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C222A2
}
```

## Border

The CSS property to change the border of an element to Hex C222A2 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
#C222A2 }
```

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

```
.border{ border-color:#C222A2 }
```

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

Here you see how a box with a 4 pixel #C222A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C222A2; -webkit-box-shadow:4px 4px  
4px 4px #C222A2; box-shadow:4px 4px 4px  
4px #C222A2 }
```

# Background

The CSS property to change the background color of an element to Hex C222A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C222A2 }
```

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

```
.background{ background-color:#C222A2 }
```

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