

# Converting Colors

Hex(C225BA)

Have a look what the booklet for  
Hex(C225BA) contains.

<b>Hex(C225BA)</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(C225BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C225BA
RGB	194, 37, 186
RGB Percent	76%, 15%, 73%
CMY	0.2392, 0.8549, 0.2706
CMYK	0.00, 0.81, 0.04, 0.24
HSL	303°, 68%, 45%
HSV	303°, 81%, 76%
XYZ	31.7726, 16.3376, 47.9332
YIQ	100.9290, 45.7430, 79.6230

# Conversions

## Conversions Part 2

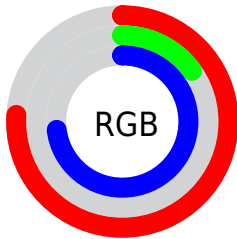
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 37, 186
Decimal	12723642
CIELab	47.41, 73.67, -42.81
CIELCh	47, 85.207, 329.840
Yxy	16.3376, 0.3308, 0.1701
Android (android.graphics.Color)	4290913722 (0xFFC225BA)
YUV	100.9290, 41.9400, 81.6233
Hunter-Lab	40.4198, 69.5779, -42.0172

# Details

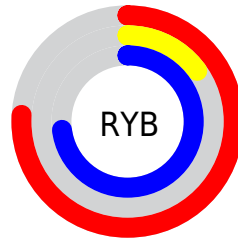
The Hex color **C225BA** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **25C22D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FE67F3**, and **880084** is the 20% darker color. If you saturate the color by 10%, you get **C212B9**, and if you desaturate by 10%, it is **C238BB**.

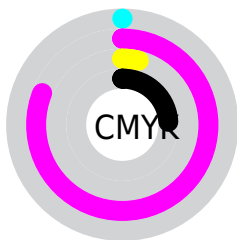
# Distribution



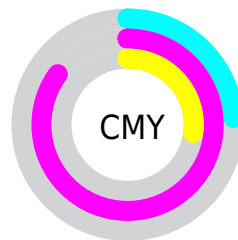
- Red (76%)
- Green (15%)
- Blue (73%)



- Red (76%)
- Yellow (15%)
- Blue (73%)



- Cyan (0%)
- Magenta (81%)
- Yellow (4%)
- Black (24%)



- Cyan (24%)
- Magenta (85%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C225BA 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 C225BA by changing the saturation by 10% instead.



 C225BA

 C225BA

FFFFFF

 A5009F

 FE67F3

 880084

 FF84FF

 6C006A

 FFA1FF

 500052

 FFBFFF

 36003A

 FFD0FF

 150023

 FFFAFF

 000009

 000000

 C225BA

 C225BA

 C212B9

 C238BB

 C200B8

 C24CBC

 C25FBD

 C273BE

 C286BF

 C299C0

 C2ADC1

 C2C0C2

 C2D4C3

# Harmonies

## Analogous

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



5C5DEF



C225BA



E70074

# Triad

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



C225BA



8A6E00



008DB7

# Complementary

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



C225BA



25C22D

# 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.



008D6E



C225BA



3F8000

# Square

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



C225BA



C04D00



00891D



0089EE

# Rectangle

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



C225BA



E70045



00891D



008DA0



# Sweetspot

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



C225BA



FCC0F9



2D25C2



805B7E



000000



808080



# Same Dimension

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



C225BA



FC08F0



C2256C



615760



A10098



21001F



# Inverse Universe

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



C225BA



FC08F0



25C27B



615760



A10098



21001F



# Previews

## White Background



This preview shows how the Hex color C225BA looks on a white background.

## Color Contrast Check

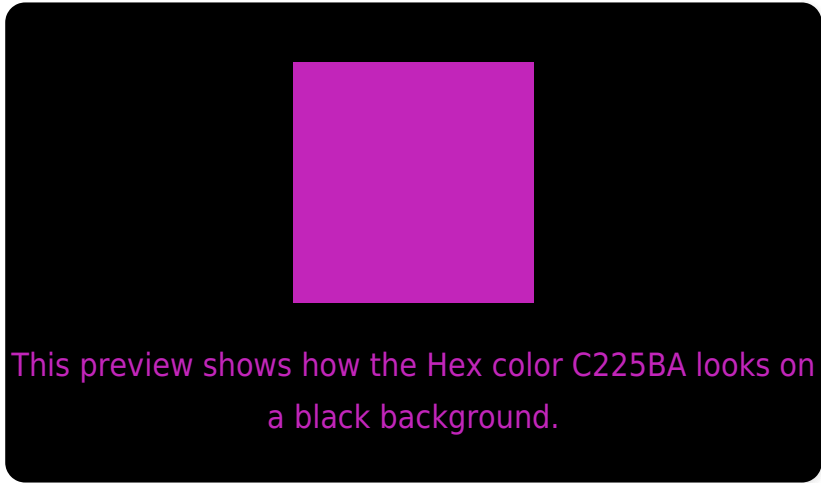
Large Text (above 18pt) WCAG AA ✓ Pass

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

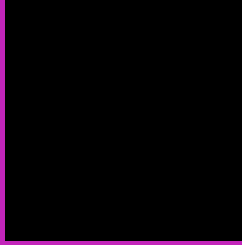
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C225BA Background



This preview shows how black text looks on a background with the Hex color C225BA.

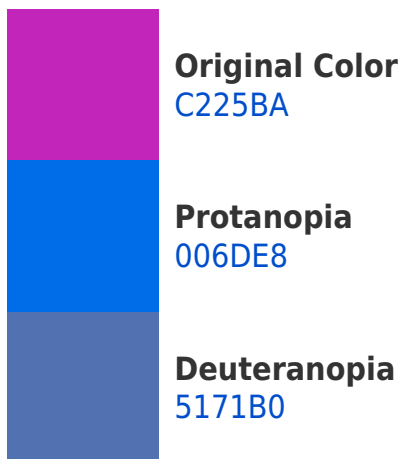


This preview shows how white text looks on a background with the Hex color C225BA.

# 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](#).

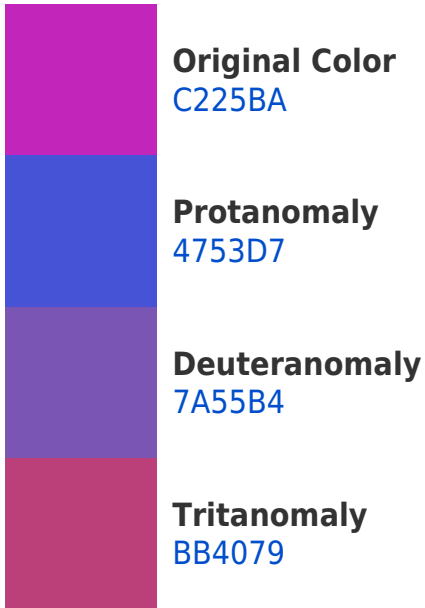
## Dichromacy



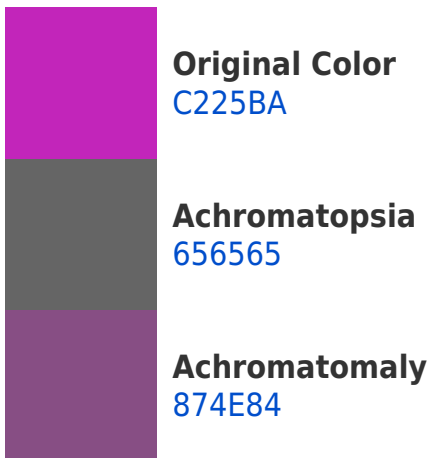


**Tritanopia**  
B74F54

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C225BA 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 #C225BA looks like.

```
.text, #text, p{  
    color:#C225BA  
}
```

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 #C225BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C225BA
}
```

## Border

The CSS property to change the border of an element to Hex C225BA 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
#C225BA }
```

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

```
.border{ border-color:#C225BA }
```

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

Here you see how a box with a 4 pixel #C225BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C225BA; -webkit-box-shadow:4px 4px  
4px 4px #C225BA; box-shadow:4px 4px 4px  
4px #C225BA }
```

# Background

The CSS property to change the background color of an element to Hex C225BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C225BA }
```

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

```
.background{ background-color:#C225BA }
```

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**