

# Converting Colors

Hex(C238B4)

Have a look what the booklet for  
Hex(C238B4) contains.

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# Color

**Hex(C238B4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C238B4
RGB	194, 56, 180
RGB Percent	76%, 22%, 71%
CMY	0.2392, 0.7804, 0.2941
CMYK	0.00, 0.71, 0.07, 0.24
HSL	306°, 55%, 49%
HSV	306°, 71%, 76%
XYZ	31.9005, 17.5930, 44.8945
YIQ	111.3980, 42.4440, 67.8200

# Conversions

## Conversions Part 2

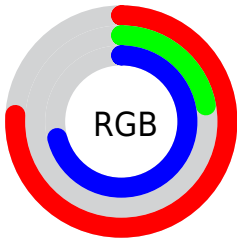
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 56, 180
Decimal	12728500
CIELab	49.00, 67.31, -36.79
CIELCh	49, 76.707, 331.338
Yxy	17.5930, 0.3380, 0.1864
Android (android.graphics.Color)	4290918580 (0xFFC238B4)
YUV	111.3980, 33.8208, 72.4420
Hunter-Lab	41.9440, 62.3564, -34.0999

# Details

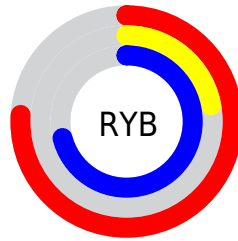
The Hex color **C238B4** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **38C246**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FE73EC**, and **89007F** is the 20% darker color. If you saturate the color by 10%, you get **C225B2**, and if you desaturate by 10%, it is **C24BB6**.

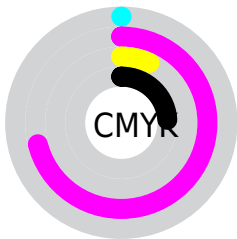
# Distribution



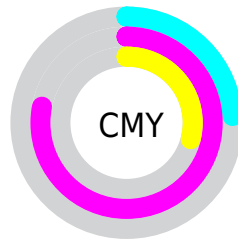
- Red (76%)
- Green (22%)
- Blue (71%)



- Red (76%)
- Yellow (22%)
- Blue (71%)



- Cyan (0%)
- Magenta (71%)
- Yellow (7%)
- Black (24%)



- Cyan (24%)
- Magenta (78%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C238B4 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 C238B4 by changing the saturation by 10% instead.



 C238B4

 C238B4

FFFFFF

 A51099

 FE73EC

 89007F

 FF90FF

 6D0065

 FFACFF

 51004D

 FFC9FF

 380036

 FFE7FF

 18001F

 000001

 000000

 C238B4

 C238B4

 C225B2

 C24BB6

 C211B0

 C25FB8

 C200AE

 C272BA

 C286BC

 C299BE

 C2ACC0

 C2C0C2

 C2D3C4

 C2E7C6

# Harmonies

## Analogous

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



6E61E5



C238B4



E20975

# Triad

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



C238B4



8B7300



0090B7

# Complementary

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



C238B4



38C246

# 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.



008F76



C238B4



488300

# Square

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



C238B4



BD5700



008C30



008BE7

# Rectangle

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



C238B4



E21E4A



008C30



0090A2



# Sweetspot

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



C238B4



FCC7F7



4638C2



80607C



000000



808080



# Same Dimension

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



C238B4



FC26E7



C2386F



615760



A10090



21001E



# Inverse Universe

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



C238B4



FC26E7



38C28B



615760



A10090



21001E



# Previews

## White Background



This preview shows how the Hex color C238B4 looks on a white background.

## Color Contrast Check

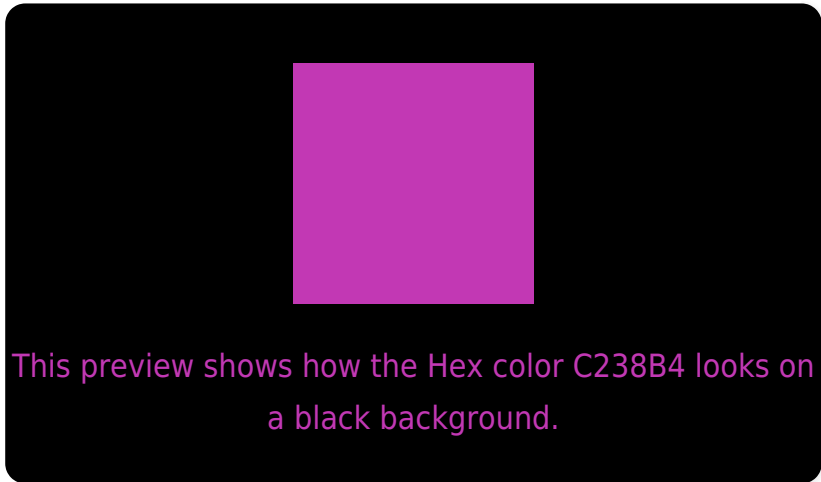
Large Text (above 18pt) WCAG AA ✓ Pass

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

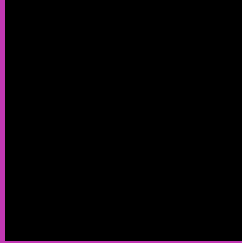
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C238B4 Background



This preview shows how black text looks on a background with the Hex color C238B4.

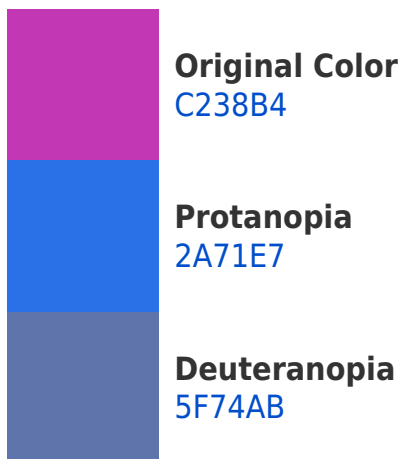


This preview shows how white text looks on a background with the Hex color C238B4.

# 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**  
B9555B

# Trichromacy



**Original Color**  
C238B4



**Protanomaly**  
615CD4



**Deuteranomaly**  
835EAE

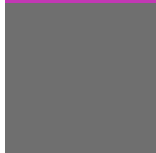


**Tritanomaly**  
BC4A7B

# Monochromacy



**Original Color**  
C238B4



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
8D5B88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C238B4 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 #C238B4 looks like.

```
.text, #text, p{  
    color:#C238B4  
}
```

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 #C238B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C238B4
}
```

## Border

The CSS property to change the border of an element to Hex C238B4 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
#C238B4 }
```

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

```
.border{ border-color:#C238B4 }
```

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

Here you see how a box with a 4 pixel #C238B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C238B4; -webkit-box-shadow:4px 4px  
4px 4px #C238B4; box-shadow:4px 4px 4px  
4px #C238B4 }
```

# Background

The CSS property to change the background color of an element to Hex C238B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C238B4 }
```

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

```
.background{ background-color:#C238B4 }
```

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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