

# Converting Colors

Hex(C5338B)

Have a look what the booklet for  
Hex(C5338B) contains.

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**Color**

**Hex(C5338B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C5338B                     |
| RGB           | 197, 51, 139               |
| RGB Percent   | 77%, 20%, 55%              |
| CMY           | 0.2275, 0.8000, 0.4549     |
| CMYK          | 0.00, 0.74, 0.29, 0.23     |
| HSL           | 324°, 59%, 49%             |
| HSV           | 324°, 74%, 77%             |
| XYZ           | 28.8700, 16.1020, 26.0125  |
| YIQ           | 104.6860, 58.7680, 58.3200 |

# Conversions

## Conversions Part 2

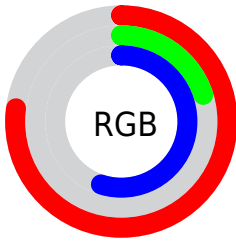
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 197, 51, 139                  |
| Decimal                             | 12923787                      |
| CIELab                              | 47.11, 64.09, -15.29          |
| CIELCh                              | 47, 65.885, 346.579           |
| Yxy                                 | 16.1020, 0.4067,<br>0.2268    |
| Android<br>(android.graphics.Color) | 4291113867<br>(0xFFC5338B)    |
| YUV                                 | 104.6860, 16.9168,<br>80.9594 |
| Hunter-Lab                          | 40.1274, 58.2005,<br>-10.3455 |

# Details

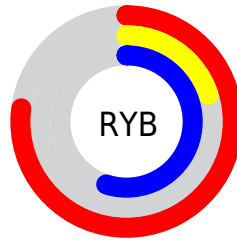
The Hex color **C5338B** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **33C56D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF6FC1**, and **8B0059** is the 20% darker color. If you saturate the color by 10%, you get **C51F83**, and if you desaturate by 10%, it is **C54793**.

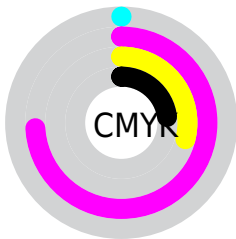
# Distribution



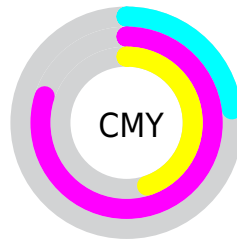
- Red (77%)
- Green (20%)
- Blue (55%)



- Red (77%)
- Yellow (20%)
- Blue (55%)



- Cyan (0%)
- Magenta (74%)
- Yellow (29%)
- Black (23%)



- Cyan (23%)
- Magenta (80%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5338B 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 C5338B by changing the saturation by 10% instead.



 C5338B

 C5338B

FFFFFF

 A80571

 FF6FC1

 8B0059

 FF8BDC

 6E0041

 FFA8F9

 52002B

 FFC4FF

 380017

 FFE2FF

 130000

 000000

 C5338B

 C5338B

 C51F83

 C54793

 C50C7B

 C55A9B

 C50077

 C56EA2

 C582AA

 C596B2

 C5A9BA

 C5BDC2

 C5D1CA

 C5E4D1

# Harmonies

## Analogous

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



9751BD



C5338B



D02F54

# Triad

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



C5338B



6B7700



0086C0

# Complementary

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



C5338B



33C56D

# 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.



00888E



C5338B



1E8117

# Square

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



C5338B



9C6400



008754



007DDC

# Rectangle

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



C5338B



C84030



008754



0087B1



# Sweetspot

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



C5338B



FFC7E9



6B33C5



805E72



000000



808080



# Same Dimension

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



C5338B



FF1CA5



C53344



635A5F



A30062



240016



# Inverse Universe

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



C5338B



FF1CA5



33C5B4



635A5F



A30062



240016



# Previews

## White Background



This preview shows how the Hex color C5338B looks on a white background.

## Color Contrast Check

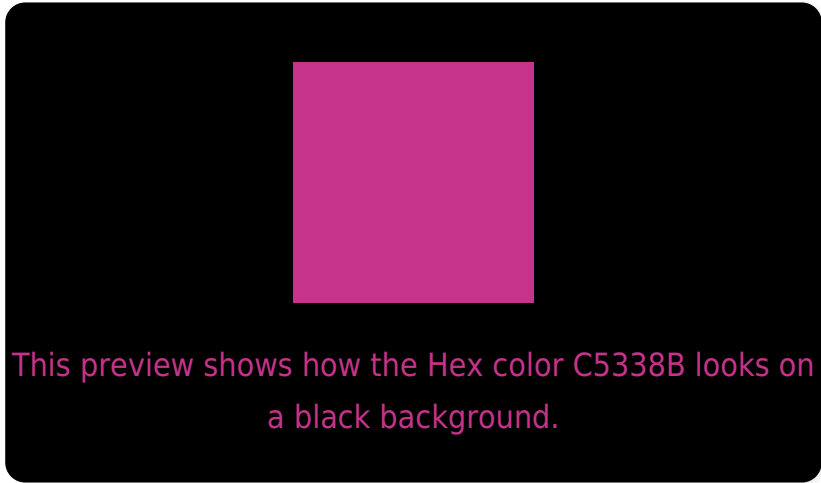
Large Text (above 18pt) WCAG AA ✓ Pass

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

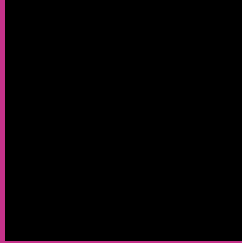
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C5338B Background



This preview shows how black text looks on a background with the Hex color C5338B.

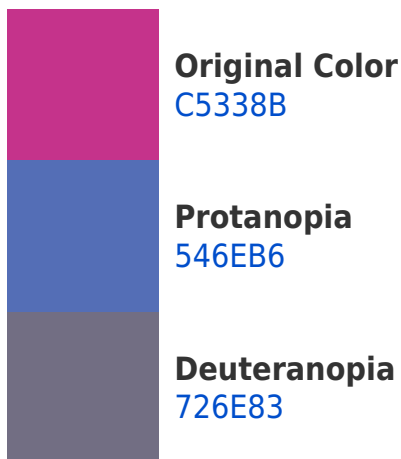


This preview shows how white text looks on a background with the Hex color C5338B.

# 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**  
C0464A

# Trichromacy



**Original Color**  
C5338B



**Protanomaly**  
7D59A6



**Deuteranomaly**  
905986

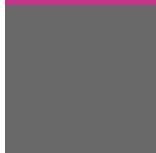


**Tritanomaly**  
C23F62

# Monochromacy



**Original Color**  
C5338B



**Achromatopsia**  
696969



**Achromatomaly**  
8A5575

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5338B 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 #C5338B looks like.

```
.text, #text, p{  
    color:#C5338B  
}
```

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 #C5338B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5338B
}
```

## Border

The CSS property to change the border of an element to Hex C5338B 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
#C5338B }
```

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

```
.border{ border-color:#C5338B }
```

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

Here you see how a box with a 4 pixel #C5338B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5338B; -webkit-box-shadow:4px 4px  
4px 4px #C5338B; box-shadow:4px 4px 4px  
4px #C5338B }
```

# Background

The CSS property to change the background color of an element to Hex C5338B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5338B }
```

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

```
.background{ background-color:#C5338B }
```

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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