

# Converting Colors

Hex(C4538B)

Have a look what the booklet for  
Hex(C4538B) contains.

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**Color**

**Hex(C4538B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4538B
RGB	196, 83, 139
RGB Percent	77%, 33%, 55%
CMY	0.2314, 0.6745, 0.4549
CMYK	0.00, 0.58, 0.29, 0.23
HSL	330°, 49%, 55%
HSV	330°, 58%, 77%
XYZ	30.5184, 19.7864, 26.6367
YIQ	123.1710, 49.3720, 41.3720

# Conversions

## Conversions Part 2

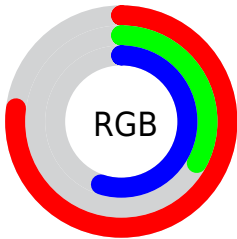
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 83, 139
Decimal	12866443
CIE <sub>Lab</sub>	51.59, 51.03, -8.54
CIE <sub>LCh</sub>	52, 51.735, 350.497
Yxy	19.7864, 0.3966, 0.2572
Android (android.graphics.Color)	4291056523 (0xFFC4538B)
YUV	123.1710, 7.8037, 63.8710
Hunter-Lab	44.4819, 44.6232, -4.3669

# Details

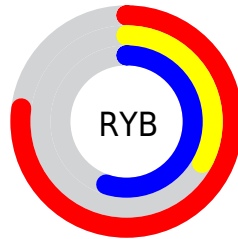
The Hex color **C4538B** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **53C48C**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF89C0**, and **8B1959** is the 20% darker color. If you saturate the color by 10%, you get **C43F81**, and if you desaturate by 10%, it is **C46795**.

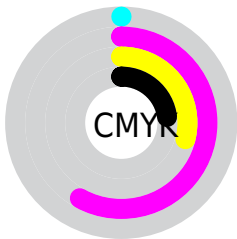
# Distribution



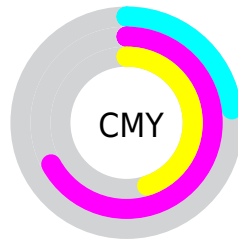
- Red (77%)
- Green (33%)
- Blue (55%)



- Red (77%)
- Yellow (33%)
- Blue (55%)



- Cyan (0%)
- Magenta (58%)
- Yellow (29%)
- Black (23%)



- Cyan (23%)
- Magenta (67%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4538B 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 C4538B by changing the saturation by 10% instead.



 C4538B

 C4538B

FFFFFF

 A73872

 FF89C0

 8B1959

 FFA5DC

 6F0042

 FFC1F9

 54002C

 FFDEFF

 3B0018

 FFFBFF

 1C0001

 000000

 C4538B

 C4538B

 C43F81

 C46795

 C42C77

 C47A9F

 C4186D

 C48EA9

 C40563

 C4A1B3

 C40061

 C4B5BC

 C4C9C6

 C4DCD0

 C4F0DA

 C4FFE4

# Harmonies

## Analogous

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



A362B4



C4538B



CB535F

# Triad

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



C4538B



75821F



008DBF

# Complementary

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



C4538B



53C48C

# 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.



009099



C4538B



3E8B40

# Square

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



C4538B



9E741C



008F6B



0084D2

# Rectangle

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



C4538B



C35C44



008F6B



008EB3



# Sweetspot

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



C4538B



FFD4E9



8C53C4



806673



000000



808080



# Same Dimension

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



C4538B



FF4FA6



C45353



61575C



A10050



210010



# Inverse Universe

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



C4538B



FF4FA6



53C4C4



61575C



A10050



210010



# Previews

## White Background



This preview shows how the Hex color C4538B looks on a white background.

## Color Contrast Check

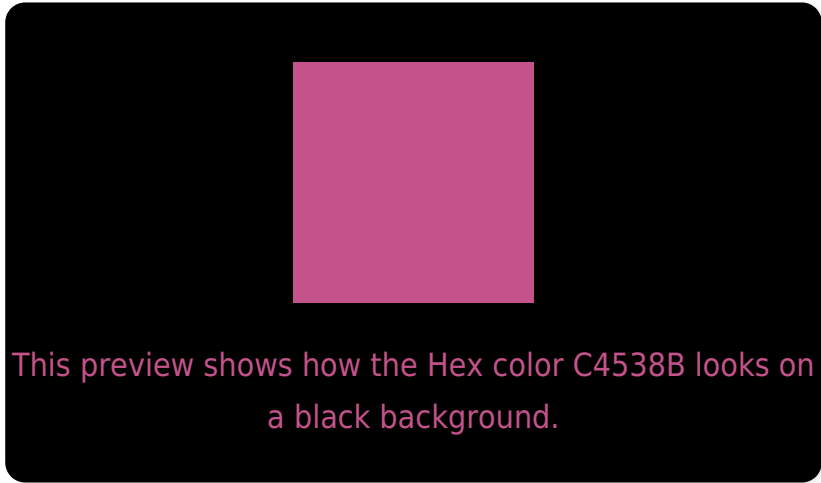
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 C4538B Background



This preview shows how black text looks on a background with the Hex color C4538B.



This preview shows how white text looks on a background with the Hex color C4538B.

# 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



**Original Color**  
C4538B

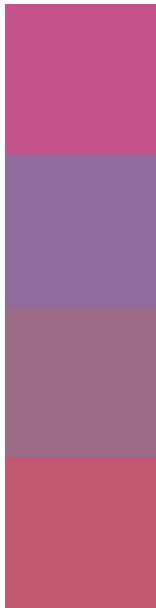
**Protanopia**  
6F7AA5

**Deuteranopia**  
837885



**Tritanopia**  
C05C62

# Trichromacy



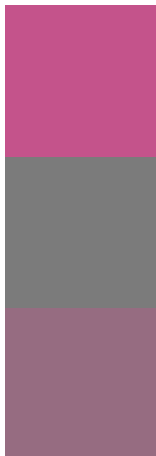
**Original Color**  
C4538B

**Protanomaly**  
8E6C9C

**Deuteranomaly**  
9B6B87

**Tritanomaly**  
C15971

# Monochromacy



**Original Color**  
C4538B

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
966C81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4538B 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 #C4538B looks like.

```
.text, #text, p{  
    color:#C4538B  
}
```

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 #C4538B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4538B
}
```

## Border

The CSS property to change the border of an element to Hex C4538B 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
#C4538B }
```

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

```
.border{ border-color:#C4538B }
```

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

Here you see how a box with a 4 pixel #C4538B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4538B; -webkit-box-shadow:4px 4px  
4px 4px #C4538B; box-shadow:4px 4px 4px  
4px #C4538B }
```

# Background

The CSS property to change the background color of an element to Hex C4538B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4538B }
```

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

```
.background{ background-color:#C4538B }
```

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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