

# Converting Colors

Hex(C1838F)

Have a look what the booklet for  
Hex(C1838F) contains.

<b>Hex(C1838F)</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(C1838F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1838F
RGB	193, 131, 143
RGB Percent	76%, 51%, 56%
CMY	0.2431, 0.4863, 0.4392
CMYK	0.00, 0.32, 0.26, 0.24
HSL	348°, 33%, 64%
HSV	348°, 32%, 76%
XYZ	35.0665, 29.5532, 29.8427
YIQ	150.9060, 33.1000, 16.8760

# Conversions

## Conversions Part 2

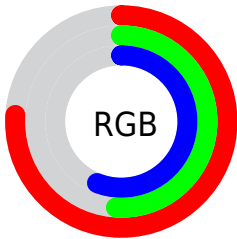
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">193, 131, 143</a>
Decimal	<a href="#">12682127</a>
CIELab	<a href="#">61.27, 25.56, 3.30</a>
CIElCh	<a href="#">61, 25.775, 7.366</a>
Yxy	<a href="#">29.5532, 0.3712, 0.3129</a>
Android (android.graphics.Color)	<a href="#">4290872207</a> ( <a href="#">0xFFC1838F</a> )
YUV	<a href="#">150.9060, -3.8977, 36.9164</a>
Hunter-Lab	<a href="#">54.3629, 20.0056, 5.5065</a>

# Details

The Hex color **C1838F** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83C1B5**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FBB9C5**, and **8A515D** is the 20% darker color. If you saturate the color by 10%, you get **C1707F**, and if you desaturate by 10%, it is **C1969F**.

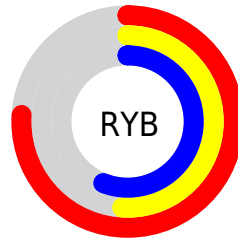
# Distribution



Red (76%)

Green (51%)

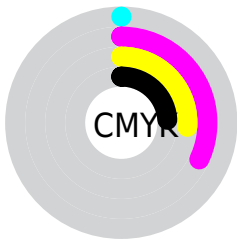
Blue (56%)



Red (76%)

Yellow (51%)

Blue (56%)

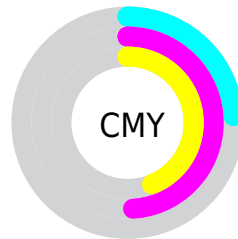


Cyan (0%)

Magenta (32%)

Yellow (26%)

Black (24%)



Cyan (24%)

Magenta (49%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1838F 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 C1838F by changing the saturation by 10% instead.





C1838F



C1838F

FFFFFF



A56975



FBB9C5



8A515D



FFD4E1



703945



FFF1FD



56222F



3D0B1A



290000



000000



C1838F



C1838F



C1707F



C1969F

 C15C70

 C1AAAE

 C14960

 C1BDBE

 C13651

 C1D0CD

 C12241

 C1E3DD

 C10F32

 C1F7EC

 C10025

 C1FFFC

 C1FFFF

# Harmonies

## Analogous

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



B685A6



C1838F



C08679

# Triad

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



C1838F



859B6F



5F9BBD

# Complementary

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



C1838F



83C1B5

# 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.



4D9FAF



C1838F



6B9F82

# Square

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



C1838F



9F9467



54A199



7F94C1

# Rectangle

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



C1838F



B88A6E



54A199



579DBA



# Sweetspot

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



C1838F



FAE1E6



B583C1



7D6E71



FCFCFC



7D7D7D



# Same Dimension

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



C1838F



FA98AB



C19683



615759



A1001F



210006



# Inverse Universe

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



C1838F



FA98AB



83AEC1



615759



A1001F

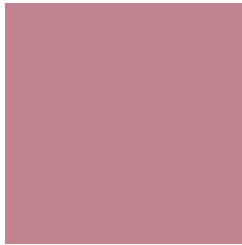


210006



# Previews

## White Background



This preview shows how the Hex color C1838F looks on a white background.

## Color Contrast Check

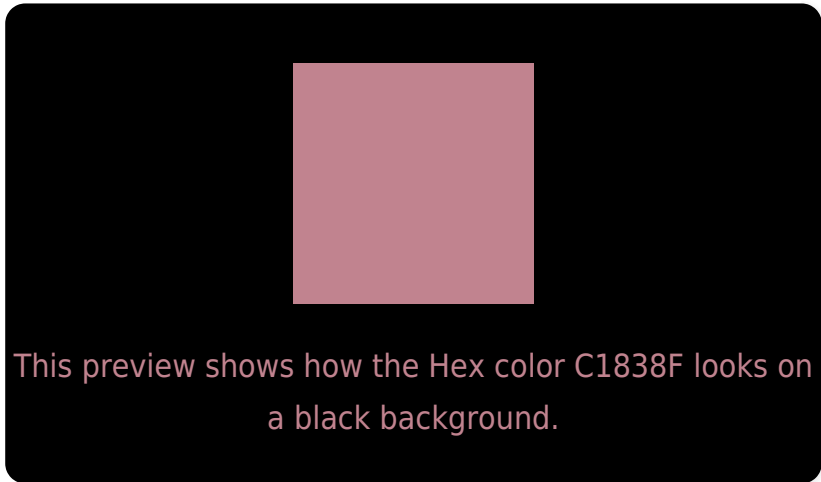
Large Text (above 18pt) WCAG AA ✓ Pass

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 C1838F Background



This preview shows how black text looks on a background with the Hex color C1838F.




This preview shows how white text looks on a background with the Hex color C1838F.

# 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](#).

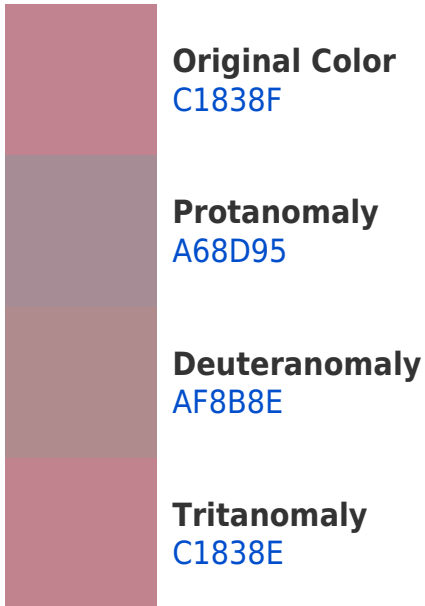
## Dichromacy



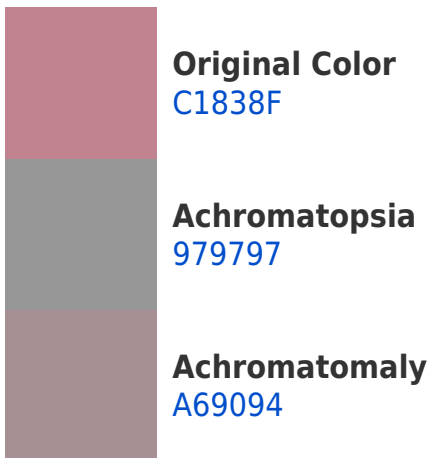


**Tritanopia**  
C1838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1838F 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 #C1838F looks like.

```
.text, #text, p{  
    color:#C1838F  
}
```

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 #C1838F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1838F
}
```

## Border

The CSS property to change the border of an element to Hex C1838F is called "border". The border property can be set on classes, ids or directly on the HTML element.

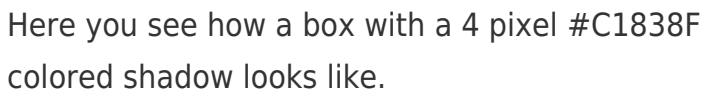
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C1838F }
```

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

```
.border{ border-color:#C1838F }
```

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



Here you see how a box with a 4 pixel #C1838F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1838F; -webkit-box-shadow:4px 4px  
4px 4px #C1838F; box-shadow:4px 4px 4px  
4px #C1838F }
```

# Background

The CSS property to change the background color of an element to Hex C1838F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1838F }
```

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

```
.background{ background-color:#C1838F }
```

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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