

# Converting Colors

Hex(C1737C)

Have a look what the booklet for  
Hex(C1737C) contains.

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**Color**

**Hex(C1737C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1737C
RGB	193, 115, 124
RGB Percent	76%, 45%, 49%
CMY	0.2431, 0.5490, 0.5137
CMYK	0.00, 0.40, 0.36, 0.24
HSL	353°, 39%, 60%
HSV	353°, 40%, 76%
XYZ	31.7611, 25.0542, 22.2307
YIQ	139.3480, 43.5990, 19.3350

# Conversions

## Conversions Part 2

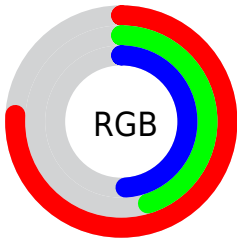
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 115, 124
Decimal	12678012
CIE <sub>Lab</sub>	57.13, 31.76, 8.31
CIE <sub>LCh</sub>	57, 32.831, 14.671
Yxy	25.0542, 0.4018, 0.3170
Android (android.graphics.Color)	4290868092 (0xFFC1737C)
YUV	139.3480, -7.5666, 47.0528
Hunter-Lab	50.0541, 25.6699, 8.7052

# Details

The Hex color **C1737C** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **73C1B8**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FBA8B0**, and **89414B** is the 20% darker color. If you saturate the color by 10%, you get **C1606B**, and if you desaturate by 10%, it is **C1868D**.

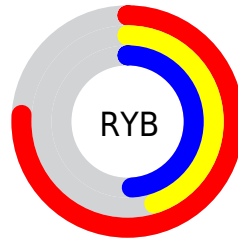
# Distribution



Red (76%)

Green (45%)

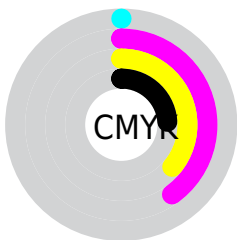
Blue (49%)



Red (76%)

Yellow (45%)

Blue (49%)

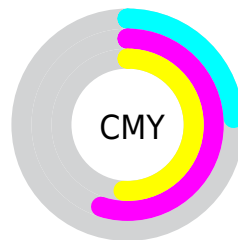


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (24%)



Cyan (24%)

Magenta (55%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1737C 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 C1737C by changing the saturation by 10% instead.



 C1737C

 C1737C

FFFFFF

 A55A63

 FBA8B0

 89414B

 FFC4CC

 6E2935

 FFE0E8

 531020

 FFFDFF

 3A0008

 210001

 000000

 C1737C

 C1737C

 C1606B

 C1868D

 C14C5A

 C19A9E

 C13949

 C1ADAF

 C12638

 C1C0C0

 C11327

 C1D3D1

 C10016

 C1E7E2

 C1FAF4

 C1FFFF

# Harmonies

## Analogous

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



B87599



C1737C



BB7962

# Triad

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



C1737C



6E935F



4490C0

# Complementary

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



C1737C



73C1B8

# 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.



0796B0



C1737C



499779

# Square

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



C1737C



8E8C51



1B9897



7687C0

# Rectangle

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



C1737C



B07F56



1B9897



3293BC



# Sweetspot

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



C1737C



FADCDF



B873C1



7D6B6D



FCFCFC



7D7D7D



# Same Dimension

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



C1737C



FA8290



C19173



615758



A10013



210004



# Inverse Universe

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



C1737C



FA8290



73A3C1



615758



A10013

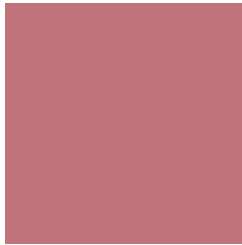


210004



# Previews

## White Background



This preview shows how the Hex color C1737C looks on a white background.

## Color Contrast Check

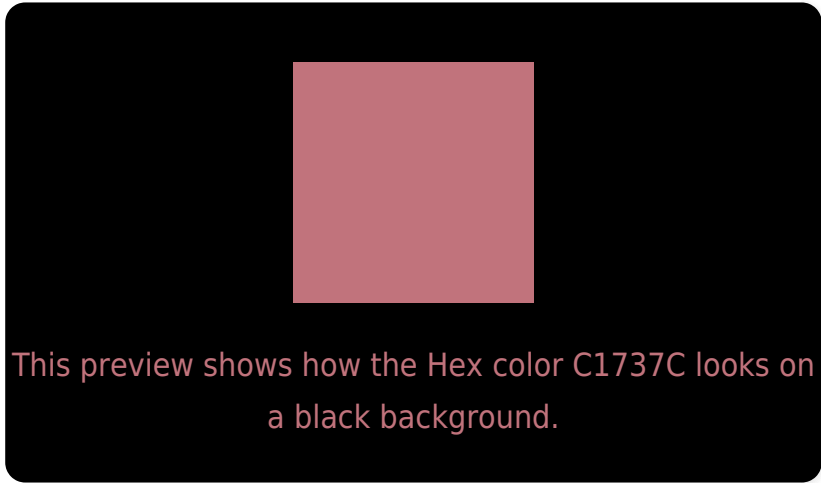
Large Text (above 18pt) WCAG AA ✓ Pass

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 C1737C Background



This preview shows how black text looks on a background with the Hex color C1737C.



This preview shows how white text looks on a background with the Hex color C1737C.

# 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**  
C1737C

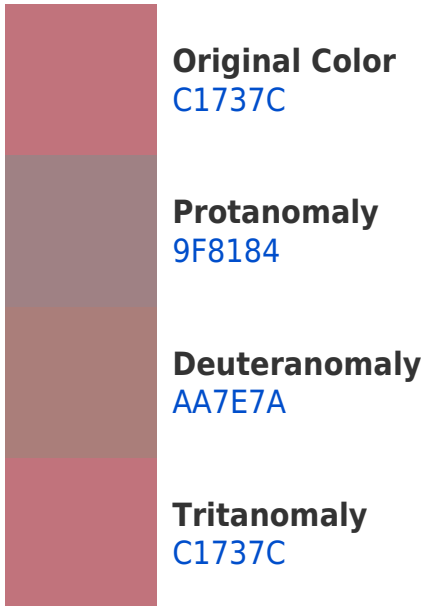
**Protanopia**  
8C8988

**Deuteranopia**  
9D8579

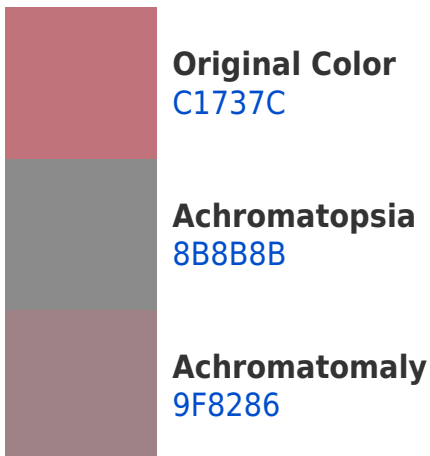


**Tritanopia**  
C1737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1737C 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 #C1737C looks like.

```
.text, #text, p{  
    color:#C1737C  
}
```

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 #C1737C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1737C  
}
```

## Border

The CSS property to change the border of an element to Hex C1737C is called "border". The border property can be set on classes, ids or directly on the HTML element.

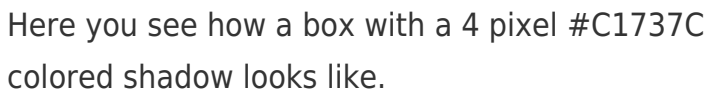
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#C1737C }
```

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

```
.border{ border-color:#C1737C }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a darker red color, extending 4 pixels to the right and 4 pixels down from the bottom-right corner of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #C1737C colored shadow looks like."

Here you see how a box with a 4 pixel #C1737C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1737C; -webkit-box-shadow:4px 4px  
4px 4px #C1737C; box-shadow:4px 4px 4px  
4px #C1737C }
```

# Background

The CSS property to change the background color of an element to Hex C1737C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1737C }
```

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

```
.background{ background-color:#C1737C }
```

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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