

# Converting Colors

Hex(C37C83)

Have a look what the booklet for  
Hex(C37C83) contains.

<b>Hex(C37C83)</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(C37C83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C37C83
RGB	195, 124, 131
RGB Percent	76%, 49%, 51%
CMY	0.2353, 0.5137, 0.4863
CMYK	0.00, 0.36, 0.33, 0.24
HSL	354°, 37%, 63%
HSV	354°, 36%, 76%
XYZ	33.8101, 27.6561, 25.0289
YIQ	146.0270, 40.0690, 17.2290

# Conversions

## Conversions Part 2

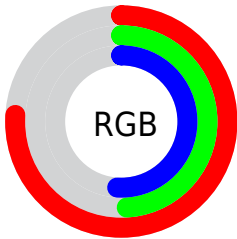
Format	Color
<a href="#">RYB</a>	<a href="#">195, 124, 131</a>
Decimal	<a href="#">12811395</a>
CIELab	<a href="#">59.58, 28.51, 7.79</a>
CIElCh	<a href="#">60, 29.557, 15.280</a>
Yxy	<a href="#">27.6561, 0.3909, 0.3197</a>
Android (android.graphics.Color)	<a href="#">4291001475</a> ( <a href="#">0xFFC37C83</a> )
YUV	<a href="#">146.0270, -7.4083, 42.9493</a>
Hunter-Lab	<a href="#">52.5891, 22.7287, 8.5942</a>

# Details

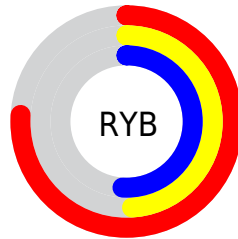
The Hex color **C37C83** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **7CC3BC**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FDB1B8**, and **8B4A52** is the 20% darker color. If you saturate the color by 10%, you get **C36971**, and if you desaturate by 10%, it is **C39095**.

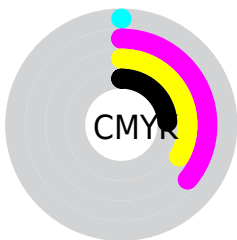
# Distribution



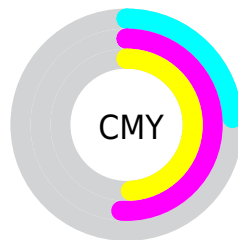
- Red (76%)
- Green (49%)
- Blue (51%)



- Red (76%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (36%)
- Yellow (33%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C37C83 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 C37C83 by changing the saturation by 10% instead.



 C37C83

 C37C83

FFFFFF

 A7636A

 FDB1B8

 8B4A52

 FFCDD4

 70323B

 FFE9F0

 561B25

 3D0210

 280001

 000000

 C37C83

 C37C83

 C36971

 C39095

 C35560

 C3A3A6

 C3424E

 C3B7B8

 C32E3D

 C3CAC9

 C31A2B

 C3DDDB

 C3071A

 C3F1EC

 C30013

 C3FFFE

 C3FFFF

# Harmonies

## Analogous

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



BA7D9D



C37C83



BD816C

# Triad

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



C37C83



77996A



5896C1

# Complementary

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



C37C83



7CC3BC

# 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.



379BB4



C37C83



579D81

# Square

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



C37C83



94925D



3B9E9C



808DC1

# Rectangle

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



C37C83



B38661



3B9E9C



4B98BE

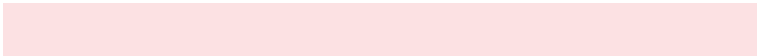


# Sweetspot

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



C37C83



FCE1E3



BC7CC3



806F71



000000



808080



# Same Dimension

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



C37C83



FC8D98



C3987C



615758



A10010



210003



# Inverse Universe

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



C37C83



FC8D98



7CA7C3



615758



A10010

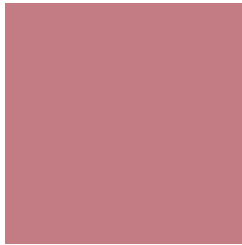


210003



# Previews

## White Background



This preview shows how the Hex color C37C83 looks on a white background.

## Color Contrast Check

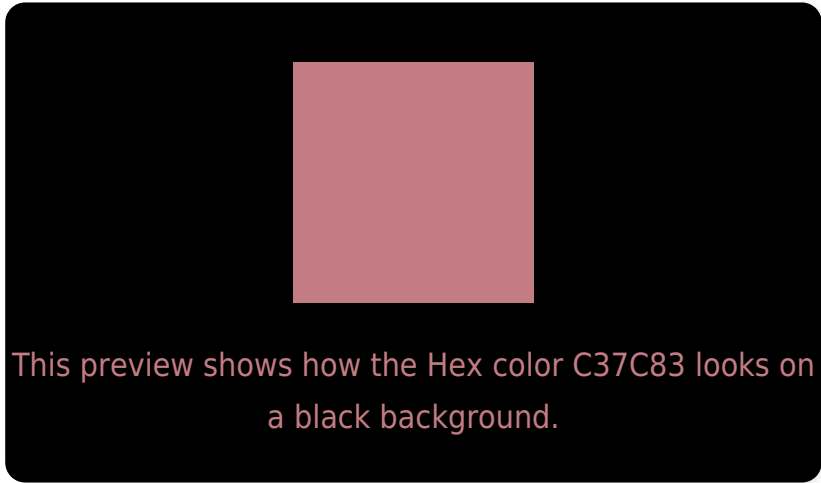
Large Text (above 18pt) WCAG AA ✓ Pass

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 C37C83 Background



This preview shows how black text looks on a background with the Hex color C37C83.



This preview shows how white text looks on a background with the Hex color C37C83.

# 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](#).

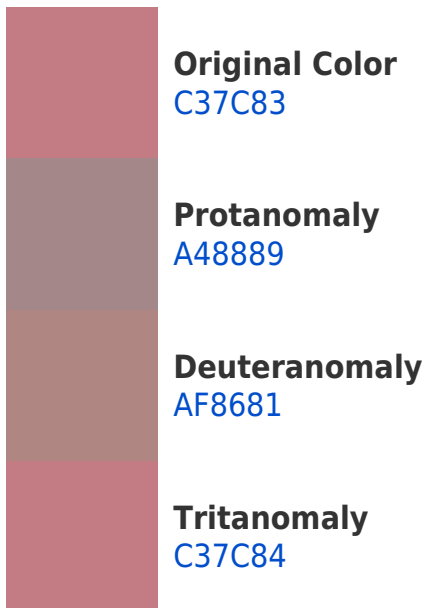
## Dichromacy



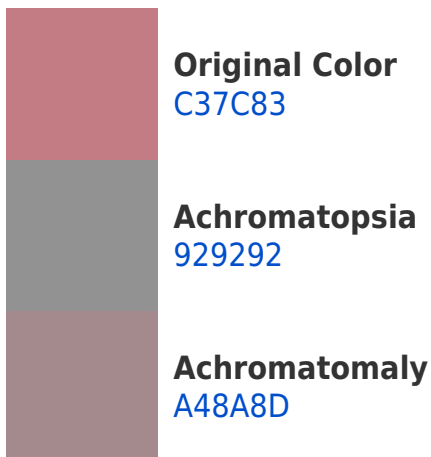


**Tritanopia**  
C37C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C37C83 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 #C37C83 looks like.

```
.text, #text, p{  
    color:#C37C83  
}
```

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 #C37C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37C83
}
```

## Border

The CSS property to change the border of an element to Hex C37C83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

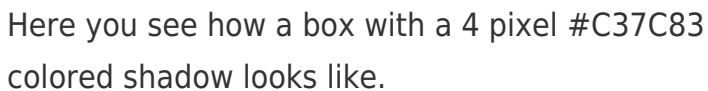
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C37C83 }
```

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

```
.border{ border-color:#C37C83 }
```

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



Here you see how a box with a 4 pixel `#C37C83` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37C83; -webkit-box-shadow:4px 4px  
4px 4px #C37C83; box-shadow:4px 4px 4px  
4px #C37C83 }
```

# Background

The CSS property to change the background color of an element to Hex C37C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37C83 }
```

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

```
.background{ background-color:#C37C83 }
```

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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