

# Converting Colors

Hex(CC7A83)

Have a look what the booklet for  
Hex(CC7A83) contains.

<b>Hex(CC7A83)</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(CC7A83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC7A83
RGB	204, 122, 131
RGB Percent	80%, 48%, 51%
CMY	0.2000, 0.5216, 0.4863
CMYK	0.00, 0.40, 0.36, 0.20
HSL	353°, 45%, 64%
HSV	353°, 40%, 80%
XYZ	35.9581, 28.3951, 25.0583
YIQ	147.5440, 45.9830, 20.1830

# Conversions

## Conversions Part 2

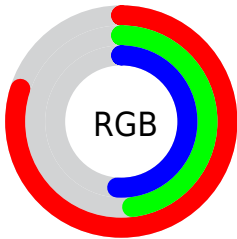
Format	Color
<a href="#">RYB</a>	<a href="#">204, 122, 131</a>
Decimal	<a href="#">13400707</a>
CIELab	<a href="#">60.24, 32.98, 8.89</a>
CIELCh	<a href="#">60, 34.162, 15.087</a>
Yxy	<a href="#">28.3951, 0.4022, 0.3176</a>
Android (android.graphics.Color)	<a href="#">4291590787 (0xFFCC7A83)</a>
YUV	<a href="#">147.5440, -8.1562, 49.5119</a>
Hunter-Lab	<a href="#">53.2871, 27.1994, 9.4197</a>

# Details

The Hex color **CC7A83** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **7ACCC3**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB0B8**, and **934752** is the 20% darker color. If you saturate the color by 10%, you get **CC6671**, and if you desaturate by 10%, it is **CC8E95**.

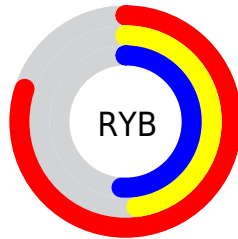
# Distribution



Red (80%)

Green (48%)

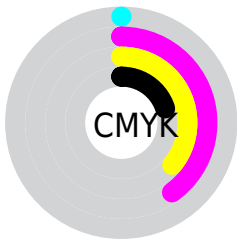
Blue (51%)



Red (80%)

Yellow (48%)

Blue (51%)

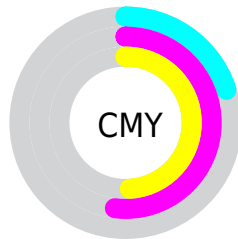


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (20%)



Cyan (20%)

Magenta (52%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC7A83 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 CC7A83 by changing the saturation by 10% instead.



 CC7A83

 CC7A83

FFFFFF

 AF606A

 FFB0B8

 934752

 FFCBD4

 782F3B

 FFE8F0

 5D1625

 430011

 2D0001

 000000

 CC7A83

 CC7A83

 CC6671

 CC8E95

 CC515F

 CCA3A7

 CC3D4D

 CCB7B9

 CC283A

 CCCCCC

 CC1428

 CCE0DE

 CC0016

 CCF4F0

 CCFFFF

# Harmonies

## Analogous

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



C27BA2



CC7A83



C58068

# Triad

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



CC7A83



749C66



4A99CB

# Complementary

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



CC7A83



7ACCC3

# 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.



0B9FBB



CC7A83



4DA081

# Square

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



CC7A83



969456



1EA1A0



7E8FCB

# Rectangle

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



CC7A83



BA875B



1EA1A0



369BC7



# Sweetspot

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



CC7A83



FFE0E4



C27ACC



806E70



000000



808080



# Same Dimension

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



CC7A83



FF8592



CC997A



665C5D



A60012



260004



# Inverse Universe

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



CC7A83



FF8592



7AADCC



665C5D



A60012

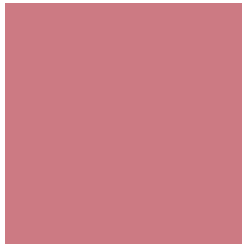


260004



# Previews

## White Background



This preview shows how the Hex color CC7A83 looks on a white background.

## Color Contrast Check

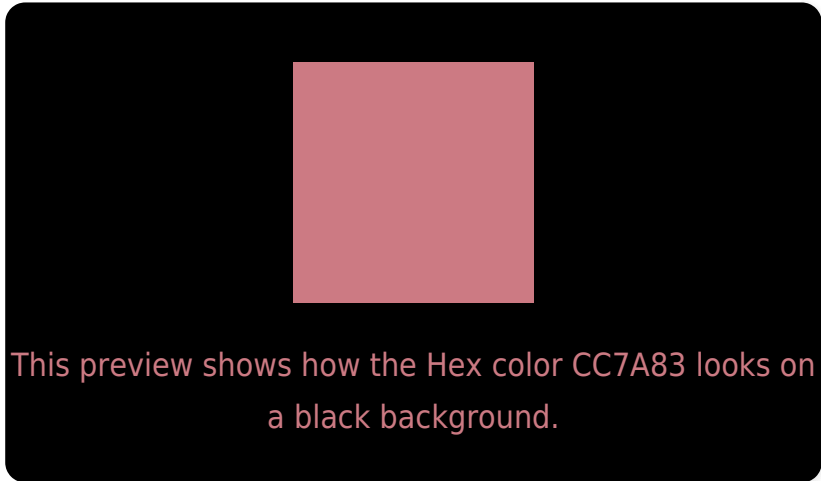
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC7A83 Background



This preview shows how black text looks on a background with the Hex color CC7A83.



This preview shows how white text looks on a background with the Hex color CC7A83.

# 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





# Trichromacy



**Original Color**  
CC7A83

**Protanomaly**  
A9898B

**Deuteranomaly**  
B48581

**Tritanomaly**  
CC7A83

# Monochromacy



**Original Color**  
CC7A83

**Achromatopsia**  
949494

**Achromatomaly**  
A88B8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC7A83 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 #CC7A83 looks like.

```
.text, #text, p{  
    color:#CC7A83  
}
```

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 #CC7A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7A83
}
```

## Border

The CSS property to change the border of an element to Hex CC7A83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

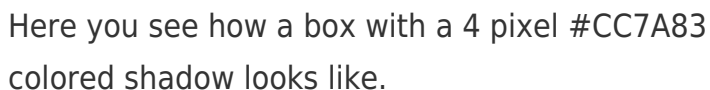
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC7A83 }
```

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

```
.border{ border-color:#CC7A83 }
```

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



Here you see how a box with a 4 pixel `#CC7A83` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7A83; -webkit-box-shadow:4px 4px  
4px 4px #CC7A83; box-shadow:4px 4px 4px  
4px #CC7A83 }
```

# Background

The CSS property to change the background color of an element to Hex CC7A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7A83 }
```

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

```
.background{ background-color:#CC7A83 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor