

Converting Colors

Hex(CD7A83)

Have a look what the booklet for
Hex(CD7A83) contains.

Hex(CD7A83)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CD7A83)

Conversions

Conversions Part 1

Format	Color
Hex	CD7A83
RGB	205, 122, 131
RGB Percent	80%, 48%, 51%
CMY	0.1961, 0.5216, 0.4863
CMYK	0.00, 0.40, 0.36, 0.20
HSL	353°, 45%, 64%
HSV	353°, 40%, 80%
XYZ	36.2331, 28.5369, 25.0712
YIQ	147.8430, 46.5790, 20.3950

Conversions

Conversions Part 2

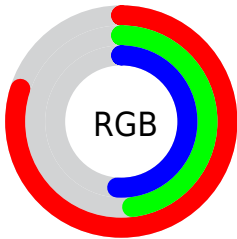
Format	Color
RYB	205, 122, 131
Decimal	13466243
CIELab	60.37, 33.36, 9.09
CIELCh	60, 34.575, 15.242
Yxy	28.5369, 0.4033, 0.3176
Android (android.graphics.Color)	4291656323 (0xFFCD7A83)
YUV	147.8430, -8.3036, 50.1267
Hunter-Lab	53.4199, 27.5862, 9.5678

Details

The Hex color **CD7A83** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **7ACDC4**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB0B8**, and **944752** is the 20% darker color. If you saturate the color by 10%, you get **CD6671**, and if you desaturate by 10%, it is **CD8F95**.

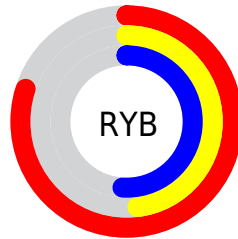
Distribution



Red (80%)

Green (48%)

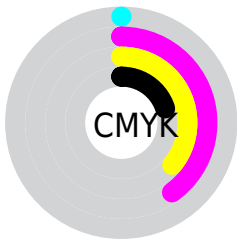
Blue (51%)



Red (80%)

Yellow (48%)

Blue (51%)

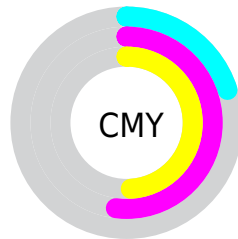


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (20%)



Cyan (20%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD7A83 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 CD7A83 by changing the saturation by 10% instead.

 CD7A83

 CD7A83

FFFFFF

 B0606A

 FFB0B8

 944752

 FFCBD4

 792F3B

 FFE8F0

 5E1625

 440011

 2E0001

 000000

 CD7A83

 CD7A83

 CD6671

 CD8F95

 CD515E

 CDA3A8

 CD3D4C

 CDB8BA

 CD283A

 CDCCCC

 CD1428

 CDE1DE

 CD0016

 CDF5F1

 CDFFFF

Harmonies

Analogous

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



C37BA2



CD7A83



C68068

Triad

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



CD7A83



749C66



4999CC

Complementary

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



CD7A83



7ACDC4

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.



029FBC



CD7A83



4CA181

Square

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



CD7A83



969556



19A2A1



7E8FCC

Rectangle

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



CD7A83



BA875B



19A2A1



359CC8

Sweetspot

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



CD7A83



FFE0E4



C37ACD



806E70



000000



808080

Same Dimension

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



CD7A83



FF8290



CD9A7A



665C5D



A60012



260004

Inverse Universe

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



CD7A83



FF8290



7AADCD



665C5D



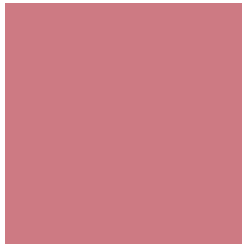
A60012



260004

Previews

White Background



This preview shows how the Hex color CD7A83 looks on a white background.

Color Contrast Check

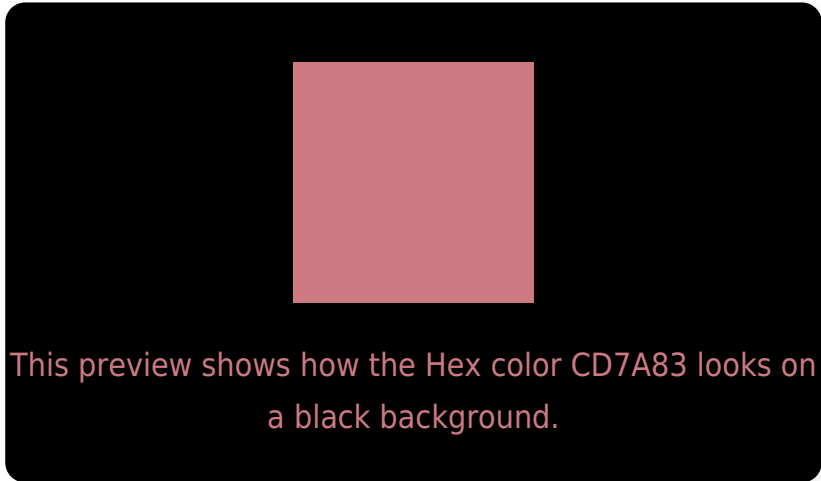
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD7A83 Background



This preview shows how black text looks on a background with the Hex color CD7A83.




This preview shows how white text looks on a background with the Hex color CD7A83.

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
CD7A83

Trichromacy



Original Color
CD7A83

Protanomaly
A9898B

Deuteranomaly
B58681

Tritanomaly
CD7A83

Monochromacy



Original Color
CD7A83

Achromatopsia
949494

Achromatomaly
A98B8E

CSS Examples

Text

The CSS property to change the color of the text to Hex CD7A83 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 #CD7A83 looks like.

```
.text, #text, p{  
    color:#CD7A83  
}
```

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 #CD7A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD7A83
}
```

Border

The CSS property to change the border of an element to Hex CD7A83 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
#CD7A83 }
```

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

```
.border{ border-color:#CD7A83 }
```

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

Here you see how a box with a 4 pixel #CD7A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD7A83; -webkit-box-shadow:4px 4px  
4px 4px #CD7A83; box-shadow:4px 4px 4px  
4px #CD7A83 }
```

Background

The CSS property to change the background color of an element to Hex CD7A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD7A83 }
```

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

```
.background{ background-color:#CD7A83 }
```

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