

Converting Colors

Hex(DA7993)

Have a look what the booklet for
Hex(DA7993) contains.

Hex(DA7993)	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(DA7993)

Conversions

Conversions Part 1

Format	Color
Hex	DA7993
RGB	218, 121, 147
RGB Percent	85%, 47%, 58%
CMY	0.1451, 0.5255, 0.4235
CMYK	0.00, 0.44, 0.33, 0.15
HSL	344°, 57%, 66%
HSV	344°, 44%, 85%
XYZ	41.0173, 30.6868, 31.3651
YIQ	152.9670, 49.4660, 28.6500

Conversions

Conversions Part 2

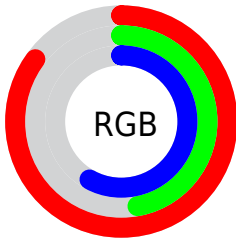
Format	Color
RYB	218, 121, 147
Decimal	14317971
CIELab	62.24, 40.59, 2.81
CIELCh	62, 40.690, 3.965
Yxy	30.6868, 0.3980, 0.2977
Android (android.graphics.Color)	4292508051 (0xFFDA7993)
YUV	152.9670, -2.9417, 57.0339
Hunter-Lab	55.3956, 35.2266, 5.2069

Details

The Hex color **DA7993** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **79DAC0**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFAFC9**, and **A04561** is the 20% darker color. If you saturate the color by 10%, you get **DA6383**, and if you desaturate by 10%, it is **DA8FA3**.

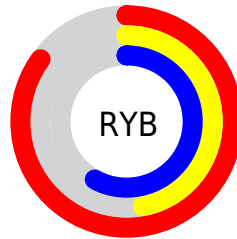
Distribution



Red (85%)

Green (47%)

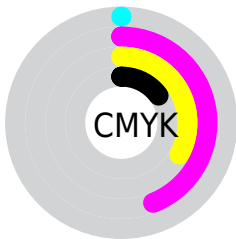
Blue (58%)



Red (85%)

Yellow (47%)

Blue (58%)

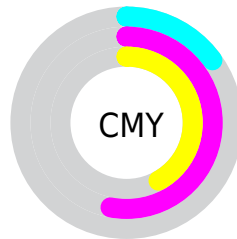


Cyan (0%)

Magenta (44%)

Yellow (33%)

Black (15%)



Cyan (15%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA7993 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 DA7993 by changing the saturation by 10% instead.

 DA7993

 DA7993

FFFFFF

 BD5F79

 FFAFC9

 A04561

 FFCBE5


 842C49

 FFE8FF

 690F33

 4E001E

 370003

 110000

 000000

 DA7993

 DA7993

 DA6383

 DA8FA3

 DA4D73

 DAA5B3

 DA3863

 DABAC3

 DA2253

 DAD0D3

 DA0C43

 DAE6E3

 DA003A

 DAFCF3

 DAFFFF

Harmonies

Analogous

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



C77FB7



DA7993



D97E70

Triad

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



DA7993



82A059



00A3D7

Complementary

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



DA7993



79DAC0

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.



00A8BE



DA7993



54A776

Square

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



DA7993



A8964D



00A99A



6599DE

Rectangle

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



DA7993



CE855D



00A99A



00A5D0

Sweetspot

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



DA7993



FFDEE7



BF79DA



806B71



000000



808080

Same Dimension

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



DA7993



FF789C



DA8E79



6E6366



AD002E



2E000C

Inverse Universe

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



DA7993



FF789C



79C5DA



6E6366



AD002E



2E000C

Previews

White Background



This preview shows how the Hex color DA7993 looks on a white background.

Color Contrast Check

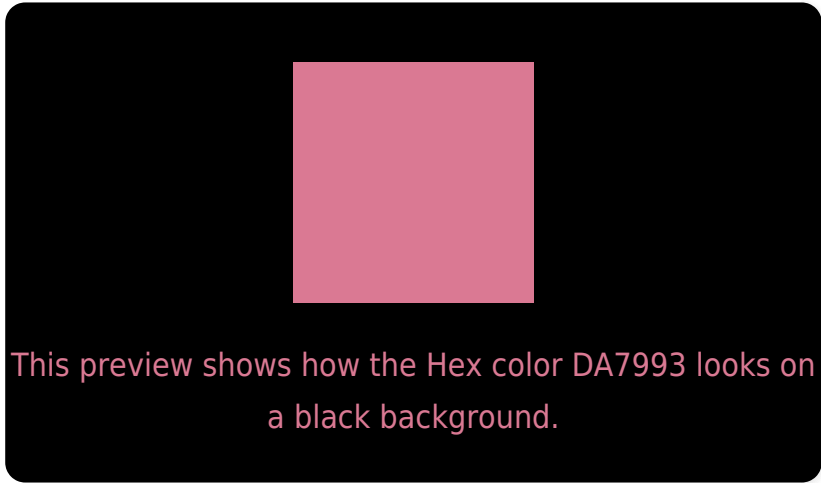
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DA7993 Background



This preview shows how black text looks on a background with the Hex color DA7993.



This preview shows how white text looks on a background with the Hex color DA7993.

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
DA7993

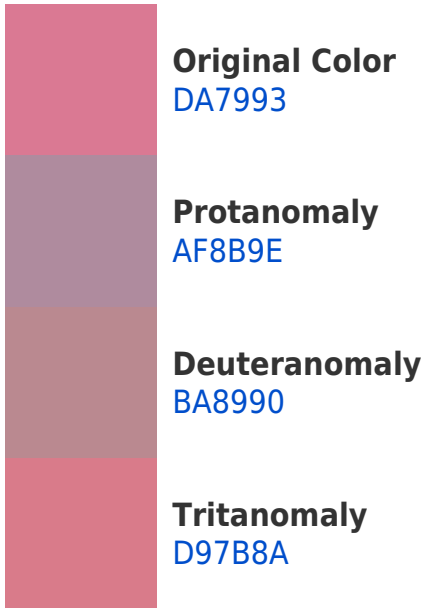
Protanopia
9696A4

Deuteranopia
A8928F

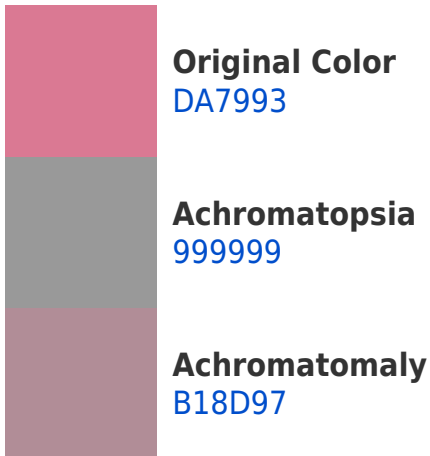


Tritanopia
D97C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA7993 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 #DA7993 looks like.

```
.text, #text, p{  
    color:#DA7993  
}
```

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 #DA7993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA7993
}
```

Border

The CSS property to change the border of an element to Hex DA7993 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
#DA7993 }
```

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

```
.border{ border-color:#DA7993 }
```

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

Here you see how a box with a 4 pixel #DA7993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA7993; -webkit-box-shadow:4px 4px  
4px 4px #DA7993; box-shadow:4px 4px 4px  
4px #DA7993 }
```

Background

The CSS property to change the background color of an element to Hex DA7993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA7993 }
```

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

```
.background{ background-color:#DA7993 }
```

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