

Converting Colors

Hex(DC7FA7)

Have a look what the booklet for
Hex(DC7FA7) contains.

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Color

Hex(DC7FA7)

Conversions

Conversions Part 1

Format	Color
Hex	DC7FA7
RGB	220, 127, 167
RGB Percent	86%, 50%, 65%
CMY	0.1373, 0.5020, 0.3451
CMYK	0.00, 0.42, 0.24, 0.14
HSL	334°, 57%, 68%
HSV	334°, 42%, 86%
XYZ	44.0796, 33.1844, 40.6412
YIQ	159.3670, 42.5880, 32.1560

Conversions

Conversions Part 2

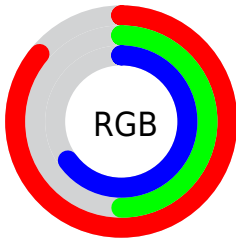
Format	Color
R _Y B	220, 127, 167
Decimal	14450599
CIE Lab	64.31, 40.86, -5.54
CIE LCh	64, 41.232, 352.285
Yxy	33.1844, 0.3739, 0.2814
Android (android.graphics.Color)	4292640679 (0xFFDC7FA7)
YUV	159.3670, 3.7631, 53.1751
Hunter-Lab	57.6059, 35.7766, -1.5052

Details

The Hex color **DC7FA7** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7FDCB4**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB5DE**, and **A34B73** is the 20% darker color. If you saturate the color by 10%, you get **DC699A**, and if you desaturate by 10%, it is **DC95B4**.

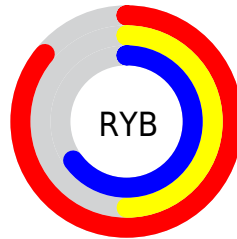
Distribution



Red (86%)

Green (50%)

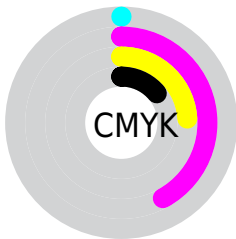
Blue (65%)



Red (86%)

Yellow (50%)

Blue (65%)

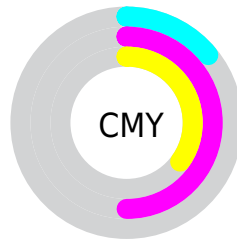


Cyan (0%)

Magenta (42%)

Yellow (24%)

Black (14%)



Cyan (14%)

Magenta (50%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC7FA7 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 DC7FA7 by changing the saturation by 10% instead.

 DC7FA7

 DC7FA7

FFFFFF

 BF658D

 FFB5DE

 A34B73

 FFD2FB

 87325B

 FFEEFF

 6C1643

 52002D

 390019

 1E0001

 000000

 DC7FA7

 DC7FA7

 DC699A

 DC95B4

 DC538E

 DCABC0

 DC3D81

 DCC1CD

 DC2775

 DCD7D9

 DC1168

 DCEDE6

 DC005F

 DCFFF2

 DCFFFF

Harmonies

Analogous

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



C188C9



DC7FA7



E28082

Triad

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



DC7FA7



97A256



00ABD5

Complementary

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



DC7FA7



7FDCB4

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.



00AFB7



DC7FA7



6CAA6D

Square

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



DC7FA7



BB9752



32AF91



4CA3E4

Rectangle

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



DC7FA7



DC856C



32AF91



00ADCC

Sweetspot

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



DC7FA7



FFDEEC



B47FDC



806B74



000000



808080

Same Dimension

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



DC7FA7



FF7DB5



DC857F



6E6367



AD004B



2E0014

Inverse Universe

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



DC7FA7



FF7DB5



7FD6DC



6E6367



AD004B



2E0014

Previews

White Background



This preview shows how the Hex color DC7FA7 looks on a white background.

Color Contrast Check

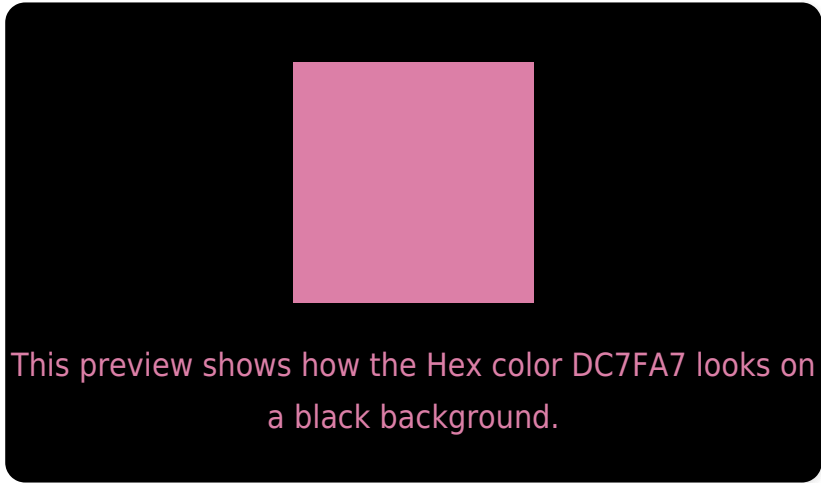
Large Text (above 18pt) WCAG AA × Fail

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 DC7FA7 Background



This preview shows how black text looks on a background with the Hex color DC7FA7.



This preview shows how white text looks on a background with the Hex color DC7FA7.

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
DC7FA7

Protanopia
969BB9

Deuteranopia
A998A3



Tritanopia
D9848D

Trichromacy



Original Color
DC7FA7



Protanomaly
AF91B2



Deuteranomaly
BC8FA4

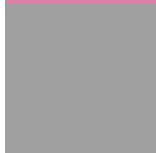


Tritanomaly
DA8296

Monochromacy



Original Color
DC7FA7



Achromatopsia
9F9F9F



Achromatomaly
B593A2

CSS Examples

Text

The CSS property to change the color of the text to Hex DC7FA7 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 #DC7FA7 looks like.

```
.text, #text, p{  
    color:#DC7FA7  
}
```

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 #DC7FA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC7FA7
}
```

Border

The CSS property to change the border of an element to Hex DC7FA7 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
#DC7FA7 }
```

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

```
.border{ border-color:#DC7FA7 }
```

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

Here you see how a box with a 4 pixel #DC7FA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC7FA7; -webkit-box-shadow:4px 4px  
4px 4px #DC7FA7; box-shadow:4px 4px 4px  
4px #DC7FA7 }
```

Background

The CSS property to change the background color of an element to Hex DC7FA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC7FA7 }
```

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

```
.background{ background-color:#DC7FA7 }
```

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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