

Converting Colors

Hex(DC7FA8)

Have a look what the booklet for
Hex(DC7FA8) contains.

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Color

Hex(DC7FA8)

Conversions

Conversions Part 1

Format	Color
Hex	DC7FA8
RGB	220, 127, 168
RGB Percent	86%, 50%, 66%
CMY	0.1373, 0.5020, 0.3412
CMYK	0.00, 0.42, 0.24, 0.14
HSL	334°, 57%, 68%
HSV	334°, 42%, 86%
XYZ	44.1725, 33.2215, 41.1300
YIQ	159.4810, 42.2670, 32.4670

Conversions

Conversions Part 2

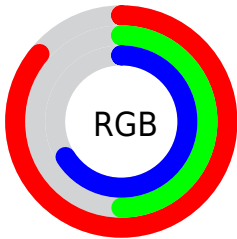
Format	Color
R _Y B	220, 127, 168
Decimal	14450600
CIE Lab	64.34, 41.00, -6.06
CIE LCh	64, 41.447, 351.594
Yxy	33.2215, 0.3727, 0.2803
Android (android.graphics.Color)	4292640680 (0xFFDC7FA8)
YUV	159.4810, 4.1999, 53.0752
Hunter-Lab	57.6381, 35.9313, -1.9621

Details

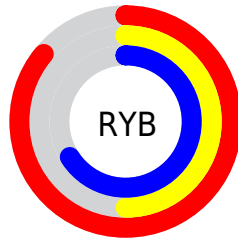
The Hex color **DC7FA8** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7FDCB3**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB5DF**, and **A34B74** is the 20% darker color. If you saturate the color by 10%, you get **DC699C**, and if you desaturate by 10%, it is **DC95B4**.

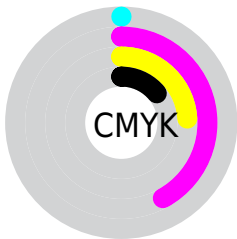
Distribution



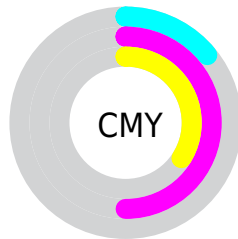
- Red (86%)
- Green (50%)
- Blue (66%)



- Red (86%)
- Yellow (50%)
- Blue (66%)



- Cyan (0%)
- Magenta (42%)
- Yellow (24%)
- Black (14%)



- Cyan (14%)
- Magenta (50%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC7FA8 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 DC7FA8 by changing the saturation by 10% instead.

 DC7FA8

 DC7FA8

FFFFFF

 BF658E

 FFB5DF

 A34B74

 FFD2FC

 87325B

 FFEEFF

 6C1644

 52002E

 390019

 1E0001

 000000

 DC7FA8

 DC7FA8

 DC699C

 DC95B4

 DC538F

 DCABC1

 DC3D83

 DCC1CD

 DC2777

 DCD7D9

 DC116A

 DCEDE6

 DC0061

 DCFFF2

 DCFFFE

 DCFFFF

Harmonies

Analogous

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



C088CA



DC7FA8



E37F83

Triad

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



DC7FA8



98A255



00ABD5

Complementary

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



DC7FA8



7FDCB3

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.



00AFB6



DC7FA8



6DAA6D

Square

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



DC7FA8



BC9652



33AF90



49A3E5

Rectangle

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



DC7FA8



DD856D



33AF90



00ADCC

Sweetspot

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



DC7FA8



FFDEEC



B27FDC



806B74



000000



808080

Same Dimension

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



DC7FA8



FF7DB6



DC847F



6E6368



AD004C



2E0014

Inverse Universe

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



DC7FA8



FF7DB6



7FD7DC



6E6368



AD004C



2E0014

Previews

White Background



This preview shows how the Hex color DC7FA8 looks on a white background.

Color Contrast Check

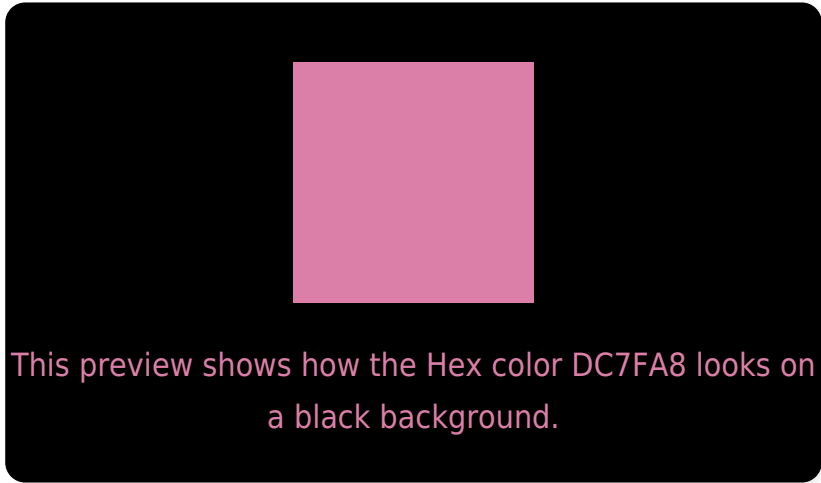
Large Text (above 18pt) WCAG AA × Fail

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 DC7FA8 Background



This preview shows how black text looks on a background with the Hex color DC7FA8.

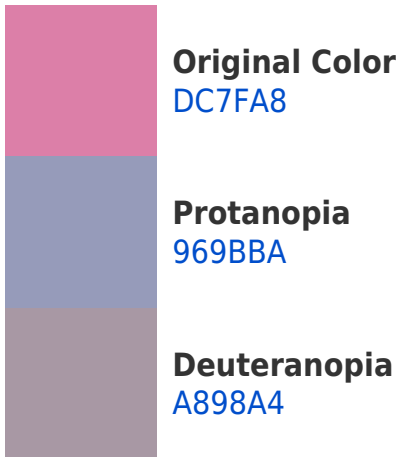



This preview shows how white text looks on a background with the Hex color DC7FA8.

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
D9848E

Trichromacy



Original Color
DC7FA8



Protanomaly
AF91B3



Deuteranomaly
BB8FA5

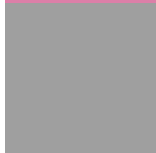


Tritanomaly
DA8297

Monochromacy



Original Color
DC7FA8



Achromatopsia
9F9F9F



Achromatomaly
B593A2

CSS Examples

Text

The CSS property to change the color of the text to Hex DC7FA8 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 #DC7FA8 looks like.

```
.text, #text, p{  
    color:#DC7FA8  
}
```

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 #DC7FA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC7FA8  
}
```

Border

The CSS property to change the border of an element to Hex DC7FA8 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  
#DC7FA8 }
```

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

```
.border{ border-color:#DC7FA8 }
```

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

Here you see how a box with a 4 pixel #DC7FA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC7FA8; -webkit-box-shadow:4px 4px  
4px 4px #DC7FA8; box-shadow:4px 4px 4px  
4px #DC7FA8 }
```

Background

The CSS property to change the background color of an element to Hex DC7FA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC7FA8 }
```

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

```
.background{ background-color:#DC7FA8 }
```

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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