

Converting Colors

Hex(DC7DC4)

Have a look what the booklet for
Hex(DC7DC4) contains.

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Color

Hex(DC7DC4)

Conversions

Conversions Part 1

Format	Color
Hex	DC7DC4
RGB	220, 125, 196
RGB Percent	86%, 49%, 77%
CMY	0.1373, 0.5098, 0.2314
CMYK	0.00, 0.43, 0.11, 0.14
HSL	315°, 58%, 68%
HSV	315°, 43%, 86%
XYZ	46.8126, 33.8684, 56.2945
YIQ	161.4990, 33.8290, 42.2210

Conversions

Conversions Part 2

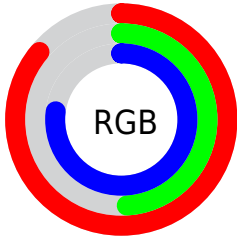
Format	Color
R _{YB}	220, 125, 196
Decimal	14450116
CIE _{Lab}	64.86, 46.34, -21.11
CIE _{LCh}	65, 50.918, 335.506
Yxy	33.8684, 0.3418, 0.2473
Android (android.graphics.Color)	4292640196 (0xFFDC7DC4)
YUV	161.4990, 17.0090, 51.3054
Hunter-Lab	58.1966, 41.7393, -16.6146

Details

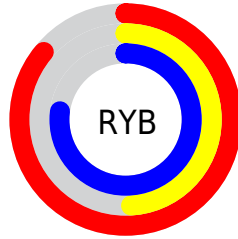
The Hex color **DC7DC4** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7DDC95**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB4FD**, and **A3488E** is the 20% darker color. If you saturate the color by 10%, you get **DC67BE**, and if you desaturate by 10%, it is **DC93CA**.

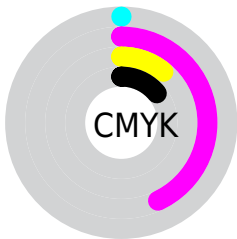
Distribution



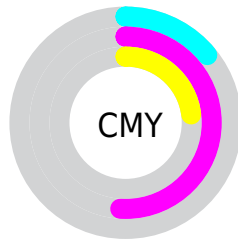
- Red (86%)
- Green (49%)
- Blue (77%)



- Red (86%)
- Yellow (49%)
- Blue (77%)



- Cyan (0%)
- Magenta (43%)
- Yellow (11%)
- Black (14%)



- Cyan (14%)
- Magenta (51%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC7DC4 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 DC7DC4 by changing the saturation by 10% instead.

 DC7DC4

 DC7DC4

FFFFFF

 BF63A9

 FFB4FD

 A3488E

 FFD0FF

 882E74

 FFEDFF

 6D105C

 520044

 39002D

 210018

 000000

 DC7DC4

 DC7DC4

 DC67BE

 DC93CA

 DC51B9

 DCA9CF

 DC3BB3

 DCBFD5

 DC25AE

 DCD5DA

 DC0FA8

 DCEBE0

 DC00A4

 DCFFE5

 DCFFEB

 DCFFF0

 DCFFF6

Harmonies

Analogous

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



AB8EE8



DC7DC4



F17697

Triad

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



DC7DC4



B09E3E



00B3D1

Complementary

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



DC7DC4



7DDC95

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.



00B4A5



DC7DC4



80AA50

Square

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



DC7DC4



D68D4A



3DB176



00ACF0

Rectangle

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



DC7DC4



F17979



3DB176



00B4C3

Sweetspot

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



DC7DC4



FFDEF7



957DDC



806B7A



000000



808080

Same Dimension

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



DC7DC4



FF7ADE



DC7D95



6E636B



AD0082



2E0022

Inverse Universe

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



DC7DC4



FF7ADE



7DDCC4



6E636B



AD0082



2E0022

Previews

White Background



This preview shows how the Hex color DC7DC4 looks on a white background.

Color Contrast Check

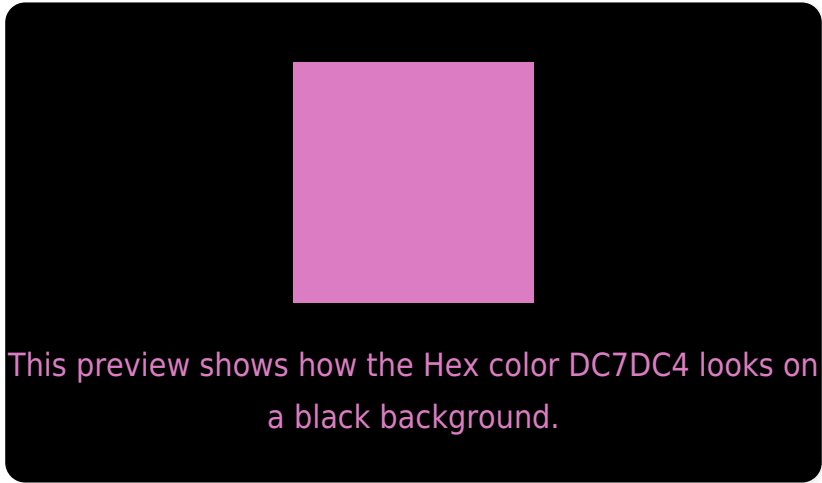
Large Text (above 18pt) WCAG AA × Fail

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 DC7DC4 Background



This preview shows how black text looks on a background with the Hex color DC7DC4.

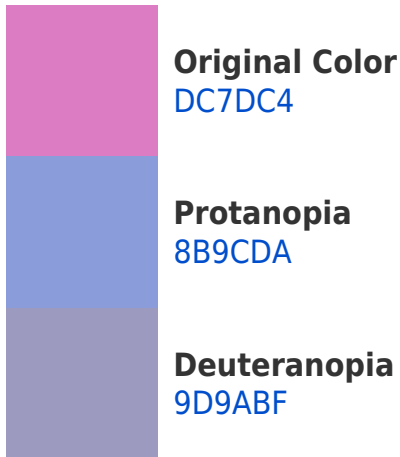


This preview shows how white text looks on a background with the Hex color DC7DC4.

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
D68792

Trichromacy



Original Color
DC7DC4



Protanomaly
A891D2



Deuteranomaly
B48FC1

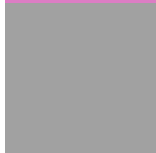


Tritanomaly
D883A4

Monochromacy



Original Color
DC7DC4



Achromatopsia
A1A1A1



Achromatomaly
B694AE

CSS Examples

Text

The CSS property to change the color of the text to Hex DC7DC4 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 #DC7DC4 looks like.

```
.text, #text, p{  
    color:#DC7DC4  
}
```

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 #DC7DC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC7DC4
}
```

Border

The CSS property to change the border of an element to Hex DC7DC4 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
#DC7DC4 }
```

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

```
.border{ border-color:#DC7DC4 }
```

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

Here you see how a box with a 4 pixel #DC7DC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC7DC4; -webkit-box-shadow:4px 4px  
4px 4px #DC7DC4; box-shadow:4px 4px 4px  
4px #DC7DC4 }
```

Background

The CSS property to change the background color of an element to Hex DC7DC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC7DC4 }
```

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

```
.background{ background-color:#DC7DC4 }
```

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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