

Converting Colors

Hex(D78EC4)

Have a look what the booklet for
Hex(D78EC4) contains.

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Color

Hex(D78EC4)

Conversions

Conversions Part 1

Format	Color
Hex	D78EC4
RGB	215, 142, 196
RGB Percent	84%, 56%, 77%
CMY	0.1569, 0.4431, 0.2314
CMYK	0.00, 0.34, 0.09, 0.16
HSL	316°, 48%, 70%
HSV	316°, 34%, 84%
XYZ	47.6611, 37.7786, 57.0045
YIQ	169.9830, 26.1740, 32.2700

Conversions

Conversions Part 2

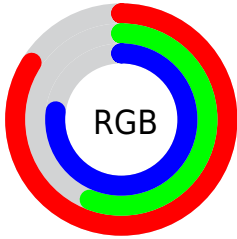
Format	Color
R _Y B	215, 142, 196
Decimal	14126788
CIE Lab	67.86, 35.78, -16.61
CIE LCh	68, 39.448, 335.096
Yxy	37.7786, 0.3346, 0.2652
Android (android.graphics.Color)	4292316868 (0xFFD78EC4)
YUV	169.9830, 12.8264, 39.4799
Hunter-Lab	61.4643, 30.8514, -11.9630

Details

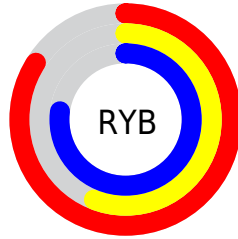
The Hex color **D78EC4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8ED7A1**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFC5FD**, and **9F5A8E** is the 20% darker color. If you saturate the color by 10%, you get **D779BE**, and if you desaturate by 10%, it is **D7A4CA**.

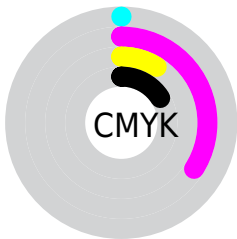
Distribution



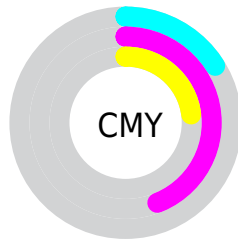
- Red (84%)
- Green (56%)
- Blue (77%)



- Red (84%)
- Yellow (56%)
- Blue (77%)



- Cyan (0%)
- Magenta (34%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (44%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color D78EC4 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 D78EC4 by changing the saturation by 10% instead.

 D78EC4

 D78EC4

FFFFFF

 BB74A9

 FFC5FD

 9F5A8E

 FFE1FF

 844175

FFFEFF

 6A295C

 500F44

 38002E

 230019

 000000

 D78EC4

 D78EC4

 D779BE

 D7A4CA

 D763B9

 D7B9CF

 D74EB3

 D7CFD5

 D738AE

 D7E4DA

 D723A8

 D7FAE0

 D70DA2

 D7FFE6

 D7009F

 D7FFEB

 D7FFF1

 D7FFF6

Harmonies

Analogous

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



B19AE0



D78EC4



E989A1

Triad

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



D78EC4



B6A55D



00B7CD

Complementary

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



D78EC4



8ED7A1

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.



2AB8AA



D78EC4



91AF6A

Square

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



D78EC4



D59965



64B686



32B1E5

Rectangle

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



D78EC4



EA8B89



64B686



00B8C2

Sweetspot

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



D78EC4



FFE6F8



A08ED7



80707C



000000



808080

Same Dimension

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



D78EC4



FF96E4



D78EA0



6B6068



AB007E



2B0020

Inverse Universe

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



D78EC4



FF96E4



8ED7C5



6B6068



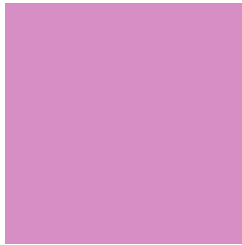
AB007E



2B0020

Previews

White Background



This preview shows how the Hex color D78EC4 looks on a white background.

Color Contrast Check

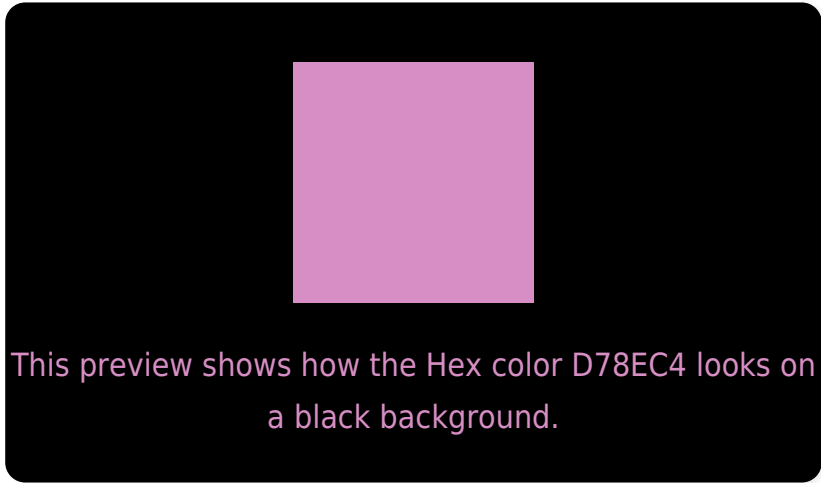
Large Text (above 18pt) WCAG AA × Fail

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

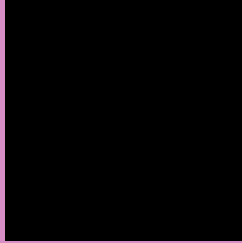
Any Text WCAG AA ✓ Pass

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 D78EC4 Background



This preview shows how black text looks on a background with the Hex color D78EC4.

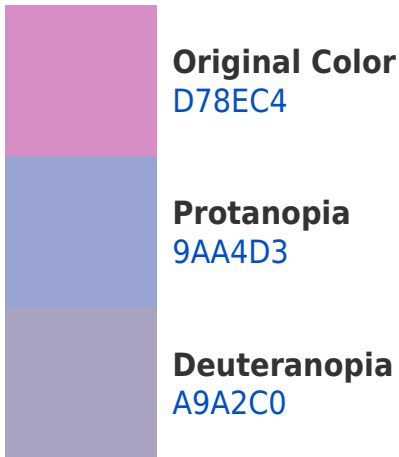


This preview shows how white text looks on a background with the Hex color D78EC4.

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
D395A0

Trichromacy



Original Color
D78EC4



Protanomaly
B09CCE



Deuteranomaly
BA9BC1



Tritanomaly
D492AD

Monochromacy



Original Color
D78EC4



Achromatopsia
AAAAAA



Achromatomaly
BAA0B3

CSS Examples

Text

The CSS property to change the color of the text to Hex D78EC4 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 #D78EC4 looks like.

```
.text, #text, p{  
    color:#D78EC4  
}
```

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 #D78EC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D78EC4
}
```

Border

The CSS property to change the border of an element to Hex D78EC4 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
#D78EC4 }
```

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

```
.border{ border-color:#D78EC4 }
```

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

Here you see how a box with a 4 pixel #D78EC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D78EC4; -webkit-box-shadow:4px 4px  
4px 4px #D78EC4; box-shadow:4px 4px 4px  
4px #D78EC4 }
```

Background

The CSS property to change the background color of an element to Hex D78EC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D78EC4 }
```

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

```
.background{ background-color:#D78EC4 }
```

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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