

Converting Colors

Hex(D796D4)

Have a look what the booklet for
Hex(D796D4) contains.

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Color

Hex(D796D4)

Conversions

Conversions Part 1

Format	Color
Hex	D796D4
RGB	215, 150, 212
RGB Percent	84%, 59%, 83%
CMY	0.1569, 0.4118, 0.1686
CMYK	0.00, 0.30, 0.01, 0.16
HSL	303°, 45%, 72%
HSV	303°, 30%, 84%
XYZ	50.8143, 41.0132, 67.5255
YIQ	176.5030, 18.8380, 33.0620

Conversions

Conversions Part 2

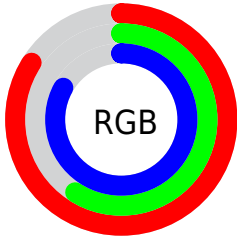
Format	Color
R_{YB}	215, 150, 212
Decimal	14128852
CIE _{Lab}	70.19, 34.32, -21.96
CIE _{LCh}	70, 40.744, 327.385
Yxy	41.0132, 0.3189, 0.2574
Android (android.graphics.Color)	4292318932 (0xFFD796D4)
YUV	176.5030, 17.5000, 33.7619
Hunter-Lab	64.0416, 29.5596, -17.6863

Details

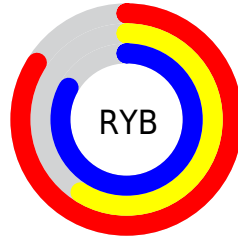
The Hex color **D796D4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **96D799**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFCDFF**, and **9F629D** is the 20% darker color. If you saturate the color by 10%, you get **D781D3**, and if you desaturate by 10%, it is **D7ACD5**.

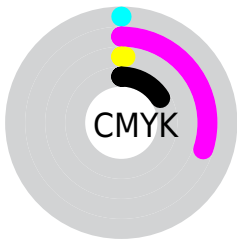
Distribution



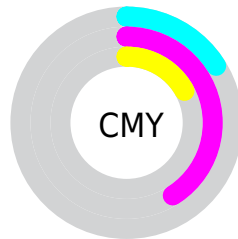
- Red (84%)
- Green (59%)
- Blue (83%)



- Red (84%)
- Yellow (59%)
- Blue (83%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (41%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color D796D4 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 D796D4 by changing the saturation by 10% instead.

 D796D4

 D796D4

FFFFFF

 BB7CB8

 FFCDFD

 9F629D

 FFE9FF

 844983

 6A316A

 511951

 39003A

 260025

 00000C

 000000

 D796D4

 D796D4

 D781D3

 D7ACD5

 D76BD2

 D7C1D6

 D756D1

 D7D7D7

 D740D0

 D7ECD8

 D72ACF

 D7FFD9

 D715CE

 D7FFDA

 D700CD

 D7FFDB

 D7FFDC

 D7FFDD

Harmonies

Analogous

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



ABA3ED



D796D4



EF8FB0

Triad

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



D796D4



C6A861



00BFCC

Complementary

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



D796D4



96D799

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.



3DBFA7



D796D4



A1B468

Square

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



D796D4



E39B6E



74BB82



13BAE9

Rectangle

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



D796D4



F38F97



74BB82



00BFC0

Sweetspot

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



D796D4



FFE8FE



9896D7



80717F



000000



808080

Same Dimension

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



D796D4



FFA3FB



D796B4



6B606B



AB00A3



2B0029

Inverse Universe

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



D796D4



FFA3FB



96D7B9



6B606B



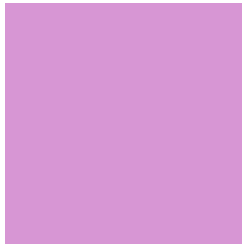
AB00A3



2B0029

Previews

White Background



This preview shows how the Hex color D796D4 looks on a white background.

Color Contrast Check

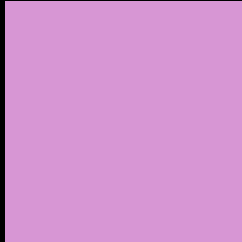
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color D796D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

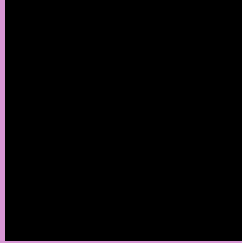
Any Text WCAG AA ✓ Pass

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 D796D4 Background



This preview shows how black text looks on a background with the Hex color D796D4.

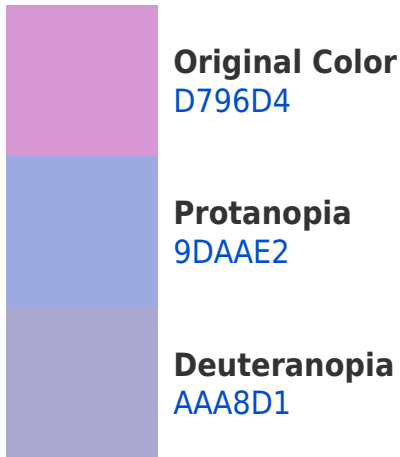


This preview shows how white text looks on a background with the Hex color D796D4.

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
D19EAA

Trichromacy



Original Color
D796D4



Protanomaly
B2A3DD



Deuteranomaly
BAA1D2



Tritanomaly
D39BB9

Monochromacy



Original Color
D796D4



Achromatopsia
B1B1B1



Achromatomaly
BFA7BE

CSS Examples

Text

The CSS property to change the color of the text to Hex D796D4 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 #D796D4 looks like.

```
.text, #text, p{  
    color:#D796D4  
}
```

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 #D796D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D796D4
}
```

Border

The CSS property to change the border of an element to Hex D796D4 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
#D796D4 }
```

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

```
.border{ border-color:#D796D4 }
```

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

Here you see how a box with a 4 pixel #D796D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D796D4; -webkit-box-shadow:4px 4px  
4px 4px #D796D4; box-shadow:4px 4px 4px  
4px #D796D4 }
```

Background

The CSS property to change the background color of an element to Hex D796D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D796D4 }
```

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

```
.background{ background-color:#D796D4 }
```

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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