

Converting Colors

Hex(D296D6)

Have a look what the booklet for
Hex(D296D6) contains.

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Color

Hex(D296D6)

Conversions

Conversions Part 1

Format	Color
Hex	D296D6
RGB	210, 150, 214
RGB Percent	82%, 59%, 84%
CMY	0.1765, 0.4118, 0.1608
CMYK	0.02, 0.30, 0.00, 0.16
HSL	296°, 44%, 71%
HSV	296°, 30%, 84%
XYZ	49.6223, 40.3694, 68.7950
YIQ	175.2360, 15.2160, 32.6240

Conversions

Conversions Part 2

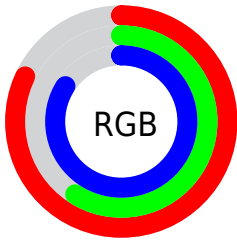
Format	Color
R _Y B	210, 150, 214
Decimal	13801174
CIE Lab	69.73, 33.07, -23.80
CIE LCh	70, 40.750, 324.257
Yxy	40.3694, 0.3125, 0.2542
Android (android.graphics.Color)	4291991254 (0xFFD296D6)
YUV	175.2360, 19.1107, 30.4880
Hunter-Lab	63.5369, 28.2189, -19.7208

Details

The Hex color **D296D6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9AD696**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFCDFF**, and **9B629F** is the 20% darker color. If you saturate the color by 10%, you get **D181D6**, and if you desaturate by 10%, it is **D3ABD6**.

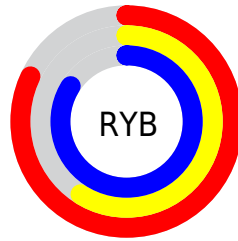
Distribution



Red (82%)

Green (59%)

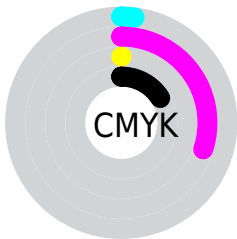
Blue (84%)



Red (82%)

Yellow (59%)

Blue (84%)

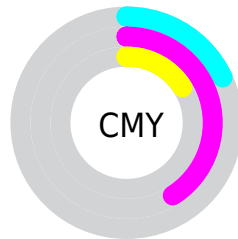


Cyan (2%)

Magenta (30%)

Yellow (0%)

Black (16%)



Cyan (18%)

Magenta (41%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color D296D6 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 D296D6 by changing the saturation by 10% instead.

 D296D6

 D296D6

FFFFFF

 B67CBA

 FFCDFD

 9B629F

 FFE9FF

 804985

 66316B

 4D1A53

 35013C

 220026

 00010E

 000000

 D296D6

 D296D6

 D181D6

 D3ABD6

 CF6BD6

 D5C1D6

 CE56D6

 D6D6D6

 CD40D6

 D7ECD6

 CB2BD6

 D9FFD6

 CA16D6

 DAFFD6

 C900D6

 DBFFD6

 DDFFD6

 DEFFD6

Harmonies

Analogous

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



A4A3EE



D296D6



EC8EB3

Triad

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



D296D6



C8A660



00BDC7

Complementary

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



D296D6



9AD696

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.



43BDA2



D296D6



A4B165

Square

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



D296D6



E49970



78B97E



00B9E5

Rectangle

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



D296D6



F28D9A



78B97E



00BEBB

Sweetspot

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



D296D6



FEE8FF



969AD6



7F7180



000000



808080

Same Dimension

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



D296D6



F9A3FF



D696BA



6A606B



A000AB



29002B

Inverse Universe

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



D6969A



FFA3A9



96D6B2



6B6061



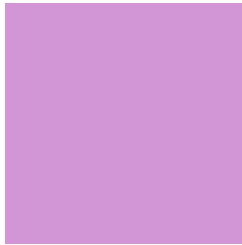
AB000B



2B0003

Previews

White Background



This preview shows how the Hex color D296D6 looks on a white background.

Color Contrast Check

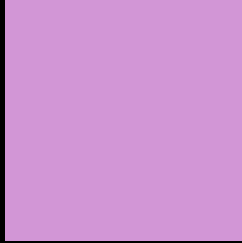
Large Text (above 18pt) WCAG AA × Fail

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 D296D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

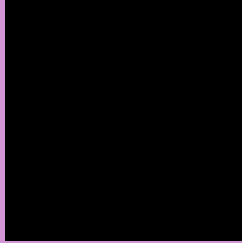
Any Text WCAG AA ✓ Pass

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 D296D6 Background



This preview shows how black text looks on a background with the Hex color D296D6.

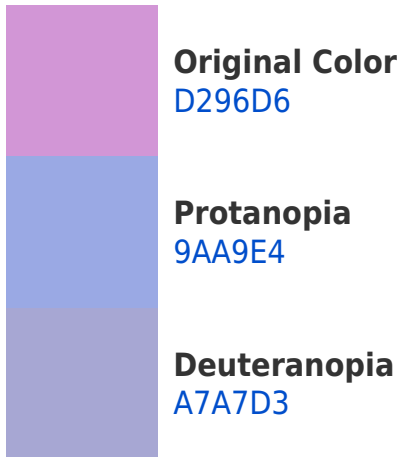


This preview shows how white text looks on a background with the Hex color D296D6.

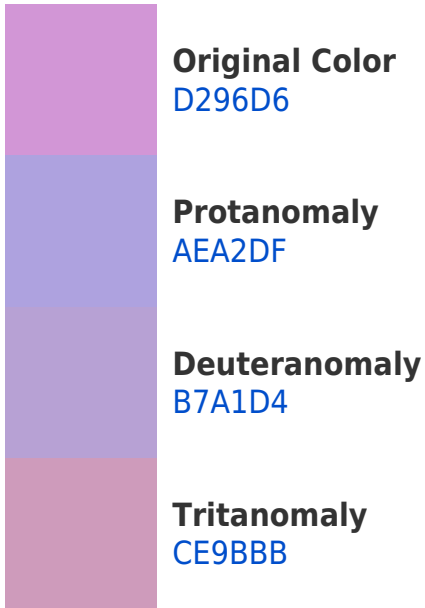
Color Blindness Simulation

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](#).

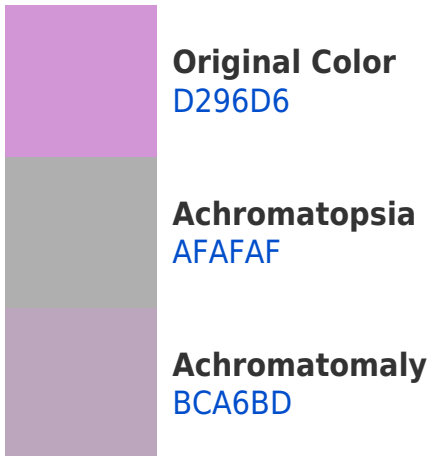
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D296D6 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 #D296D6 looks like.

```
.text, #text, p{  
    color:#D296D6  
}
```

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 #D296D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D296D6
}
```

Border

The CSS property to change the border of an element to Hex D296D6 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
#D296D6 }
```

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

```
.border{ border-color:#D296D6 }
```

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

Here you see how a box with a 4 pixel #D296D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D296D6; -webkit-box-shadow:4px 4px  
4px 4px #D296D6; box-shadow:4px 4px 4px  
4px #D296D6 }
```

Background

The CSS property to change the background color of an element to Hex D296D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D296D6 }
```

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

```
.background{ background-color:#D296D6 }
```

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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