

Converting Colors

Hex(D401AA)

Have a look what the booklet for
Hex(D401AA) contains.

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Color

Hex(D401AA)

Conversions

Conversions Part 1

Format	Color
Hex	D401AA
RGB	212, 1, 170
RGB Percent	83%, 0%, 67%
CMY	0.1686, 0.9961, 0.3333
CMYK	0.00, 1.00, 0.20, 0.17
HSL	312°, 99%, 42%
HSV	312°, 100%, 83%
XYZ	34.4179, 16.9210, 39.4823
YIQ	83.3550, 71.5070, 97.2910

Conversions

Conversions Part 2

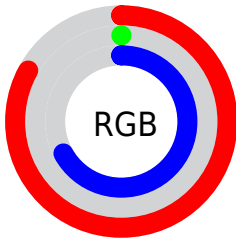
Format	Color
R_{YB}	212, 1, 170
Decimal	13894058
CIE Lab	48.16, 79.83, -32.00
CIE LCh	48, 86.005, 338.158
Yxy	16.9210, 0.3790, 0.1863
Android (android.graphics.Color)	4292084138 (0xFFD401AA)
YUV	83.3550, 42.7160, 112.8217
Hunter-Lab	41.1352, 77.3649, -28.1129

Details

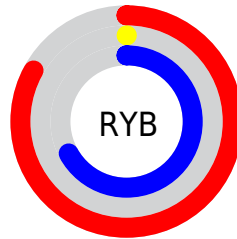
The Hex color **D401AA** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **01D42B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5DE2**, and **980075** is the 20% darker color. If you saturate the color by 10%, you get **D400AA**, and if you desaturate by 10%, it is **D416AE**.

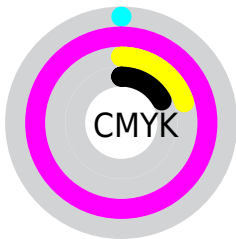
Distribution



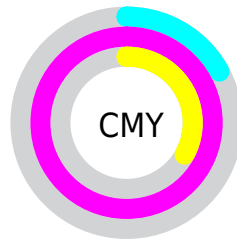
- Red (83%)
- Green (0%)
- Blue (67%)



- Red (83%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color D401AA 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 D401AA by changing the saturation by 10% instead.

 D401AA

 D401AA

FFFFFF

 B6008F

 FF5DE2

 980075

 FF7CFE

 7B005C

 FF9AFF

 5E0044

 FFB8FF

 43002E

 FFD6FF

 250018

 FFF4FF

 000000

 D401AA

 D401AA

 D400AA

 D416AE

 D42BB2

 D441B7

 D456BB

 D46BBF

 D480C3

 D495C8

 D4ABCC

 D4C0D0

Harmonies

Analogous

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



8652E7



D401AA



EC0062

Triad

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



D401AA



7A7600



008FCC

Complementary

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



D401AA



01D42B

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.



008F85



D401AA



188500

Square

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



D401AA



B55A00



008C37



0089FB

Rectangle

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



D401AA



E60033



008C37



0090B6

Sweetspot

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



D401AA



FFB3F0



2801D4



805276



000000



808080

Same Dimension

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



D401AA



FF00CC



D40144



6B6069



AB0089



2B0023

Inverse Universe

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



D401AA



FF00CC



01D491



6B6069



AB0089



2B0023

Previews

White Background



This preview shows how the Hex color D401AA looks on a white 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

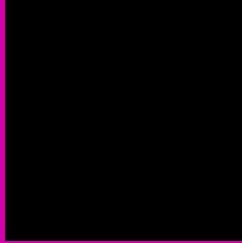
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D401AA Background



This preview shows how black text looks on a background with the Hex color D401AA.



This preview shows how white text looks on a background with the Hex color D401AA.

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



Original Color
D401AA



Protanomaly
4D48D5



Deuteranomaly
8F4AA3



Tritanomaly
CF2B6B

Monochromacy



Original Color
D401AA



Achromatopsia
535353



Achromatomaly
823573

CSS Examples

Text

The CSS property to change the color of the text to Hex D401AA 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 #D401AA looks like.

```
.text, #text, p{  
    color:#D401AA  
}
```

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 #D401AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D401AA
}
```

Border

The CSS property to change the border of an element to Hex D401AA 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
#D401AA }
```

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

```
.border{ border-color:#D401AA }
```

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

Here you see how a box with a 4 pixel #D401AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D401AA; -webkit-box-shadow:4px 4px  
4px 4px #D401AA; box-shadow:4px 4px 4px  
4px #D401AA }
```

Background

The CSS property to change the background color of an element to Hex D401AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D401AA }
```

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

```
.background{ background-color:#D401AA }
```

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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