

Converting Colors

Hex(D400CF)

Have a look what the booklet for
Hex(D400CF) contains.

Hex(D400CF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D400CF)

Conversions

Conversions Part 1

Format	Color
Hex	D400CF
RGB	212, 0, 207
RGB Percent	83%, 0%, 81%
CMY	0.1686, 1.0000, 0.1882
CMYK	0.00, 1.00, 0.02, 0.17
HSL	301°, 100%, 42%
HSV	301°, 100%, 83%
XYZ	38.4139, 18.5020, 60.5781
YIQ	86.9860, 59.9050, 109.3210

Conversions

Conversions Part 2

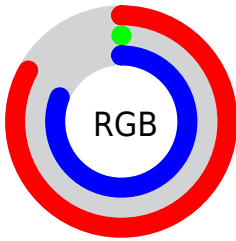
Format	Color
R_{YB}	212, 0, 207
Decimal	13893839
CIE _{Lab}	50.10, 84.76, -50.53
CIE _{LCh}	50, 98.681, 329.200
Yxy	18.5020, 0.3269, 0.1575
Android (android.graphics.Color)	4292083919 (0xFFD400CF)
YUV	86.9860, 59.1669, 109.6373
Hunter-Lab	43.0140, 84.1358, -53.3903

Details

The Hex color **D400CF** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **00D405**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF5FFF**, and **980098** is the 20% darker color. If you saturate the color by 10%, you get **D400CF**, and if you desaturate by 10%, it is **D415CF**.

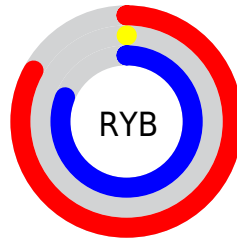
Distribution



Red (83%)

Green (0%)

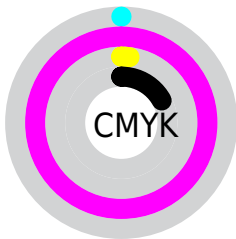
Blue (81%)



Red (83%)

Yellow (0%)

Blue (81%)

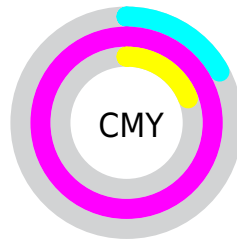


Cyan (0%)

Magenta (100%)

Yellow (2%)

Black (17%)



Cyan (17%)

Magenta (100%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color D400CF 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 D400CF by changing the saturation by 10% instead.

 D400CF

 D400CF

FFFFFF

 B600B3

 FF5FFF

 980098

 FF7EFF

 7B007D

 FF9CFF

 5E0064

 FFBAFF

 44004B

 FFD9FF

 250033

 FFF7FF

 00021D

 000000

 D400CF

 D415CF

 D42AD0

 D440D0

 D455D1

 D46AD1

 D47FD2

 D494D2

 D4AAD3

 D4BFD3

Harmonies

Analogous

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



5161FF



D400CF



FF007E

Triad

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



D400CF



937400



0098C8

Complementary

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



D400CF



00D405

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.



009773



D400CF



3A8900

Square

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



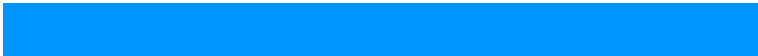
D400CF



D24A00



009208



0094FF

Rectangle

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



D400CF



FF0047



009208



0098AD

Sweetspot

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



D400CF



FFB3FD



0400D4



80527E



000000



808080

Same Dimension

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



D400CF



FF00F9



D40066



6B606B



AB00A7



2B002A

Inverse Universe

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



D400CF



FF00F9



00D46E



6B606B



AB00A7



2B002A

Previews

White Background



This preview shows how the Hex color D400CF looks on a white background.

Color Contrast Check

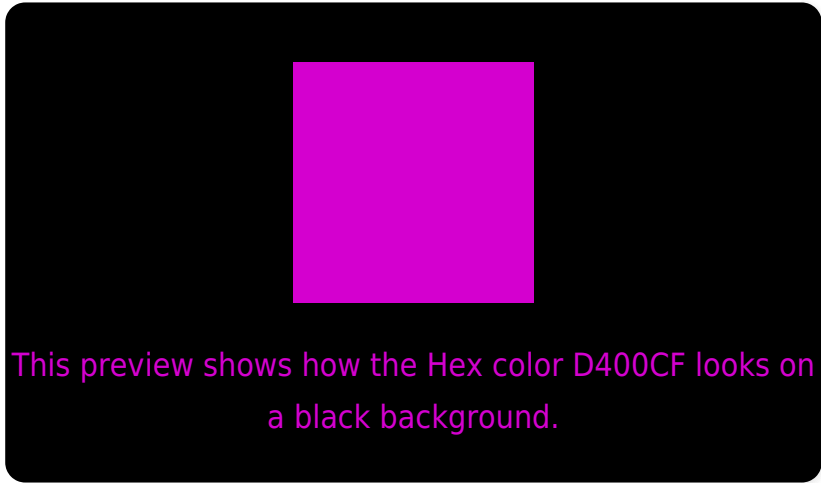
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 × Fail

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

Hex D400CF Background



This preview shows how black text looks on a background with the Hex color D400CF.



This preview shows how white text looks on a background with the Hex color D400CF.

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
C75157

Trichromacy



Original Color
D400CF



Protanomaly
4D4AE8



Deuteranomaly
7E4DC7



Tritanomaly
CC3483

Monochromacy



Original Color
D400CF



Achromatopsia
575757



Achromatomaly
843783

CSS Examples

Text

The CSS property to change the color of the text to Hex D400CF 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 #D400CF looks like.

```
.text, #text, p{  
    color:#D400CF  
}
```

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 #D400CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D400CF
}
```

Border

The CSS property to change the border of an element to Hex D400CF 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
#D400CF }
```

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

```
.border{ border-color:#D400CF }
```

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

Here you see how a box with a 4 pixel #D400CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D400CF; -webkit-box-shadow:4px 4px  
4px 4px #D400CF; box-shadow:4px 4px 4px  
4px #D400CF }
```

Background

The CSS property to change the background color of an element to Hex D400CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D400CF }
```

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

```
.background{ background-color:#D400CF }
```

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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