

# Converting Colors

Hex(D430CA)

Have a look what the booklet for  
Hex(D430CA) contains.

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**Color**

**Hex(D430CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D430CA
RGB	212, 48, 202
RGB Percent	83%, 19%, 79%
CMY	0.1686, 0.8118, 0.2078
CMYK	0.00, 0.77, 0.05, 0.17
HSL	304°, 66%, 51%
HSV	304°, 77%, 83%
XYZ	38.8690, 20.3752, 57.7613
YIQ	114.5920, 48.3100, 82.6620

# Conversions

## Conversions Part 2

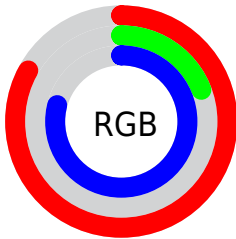
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	212, 48, 202
Decimal	13906122
CIE Lab	52.26, 76.91, -44.22
CIE LCh	52, 88.714, 330.105
Yxy	20.3752, 0.3322, 0.1741
Android (android.graphics.Color)	4292096202 (0xFFD430CA)
YUV	114.5920, 43.0921, 85.4268
Hunter-Lab	45.1389, 74.7127, -44.2723

# Details

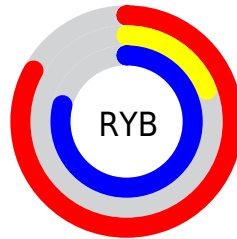
The Hex color **D430CA** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **30D43A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF71FF**, and **990093** is the 20% darker color. If you saturate the color by 10%, you get **D41BC9**, and if you desaturate by 10%, it is **D445CB**.

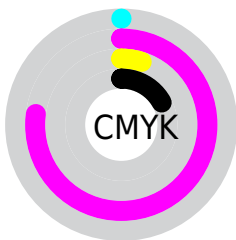
# Distribution



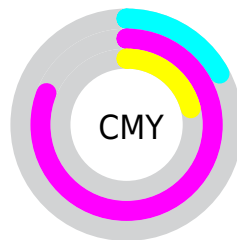
- Red (83%)
- Green (19%)
- Blue (79%)



- Red (83%)
- Yellow (19%)
- Blue (79%)



- Cyan (0%)
- Magenta (77%)
- Yellow (5%)
- Black (17%)



- Cyan (17%)
- Magenta (81%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D430CA 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 D430CA by changing the saturation by 10% instead.



 D430CA

 D430CA

FFFFFF

 B600AE

 FF71FF

 990093

 FF8EFF

 7C0079

 FFACFF

 600060

 FFC9FF

 450047

 FFE7FF

 280030

 00011A

 000000

 D430CA

 D430CA

 D41BC9

 D445CB

 D406C7

 D45ACD

 D400C7

 D470CE

 D485CF

 D49AD0

 D4AFD2

 D4C4D3

 D4DAD4

 D4EFD6

# Harmonies

## Analogous

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



6A68FF



D430CA



FA0080

# Triad

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



D430CA



987A00



009CC8

# Complementary

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



D430CA



30D43A

# 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.



009B7B



D430CA



498D00

# Square

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



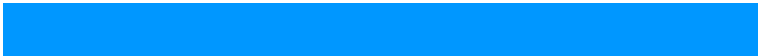
D430CA



D15800



009727



0097FF

# Rectangle

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



D430CA



FB004E



009727



009CAF



# Sweetspot

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



D430CA



FFC4FB



3830D4



805C7D



000000



808080



# Same Dimension

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



D430CA



FF12F1



D4307A



6B606A



AB00A0



2B0029



# Inverse Universe

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



D430CA



FF12F1



30D48A



6B606A



AB00A0



2B0029



# Previews

## White Background



This preview shows how the Hex color D430CA looks on a white background.

## Color Contrast Check

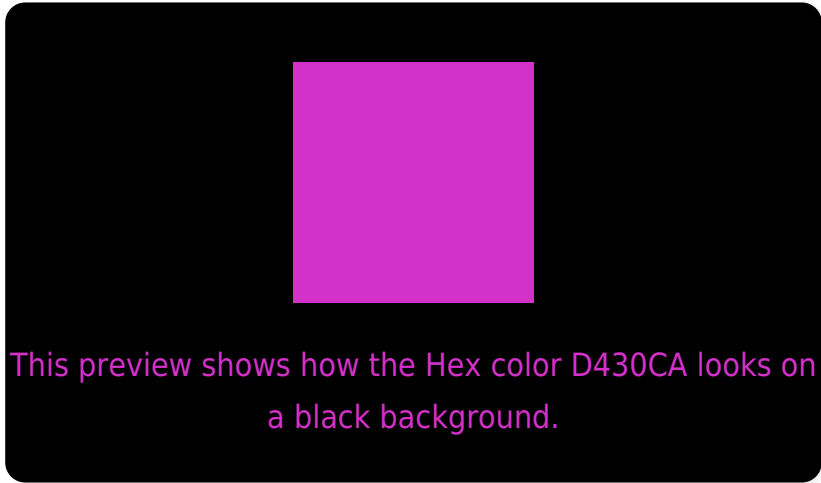
Large Text (above 18pt) WCAG AA ✓ Pass

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

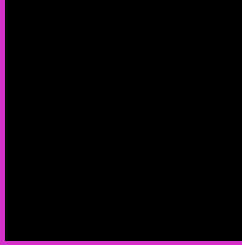
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D430CA Background



This preview shows how black text looks on a background with the Hex color D430CA.

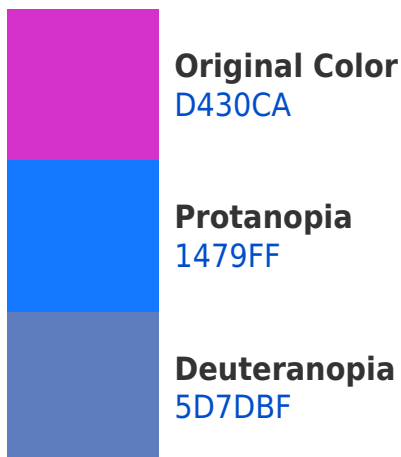



This preview shows how white text looks on a background with the Hex color D430CA.

# 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



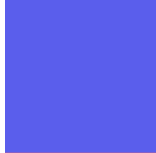


**Tritanopia**  
C9595F

# Trichromacy



**Original Color**  
D430CA



**Protanomaly**  
5A5EEC



**Deuteranomaly**  
8861C3



**Tritanomaly**  
CD4A86

# Monochromacy



**Original Color**  
D430CA



**Achromatopsia**  
737373



**Achromatomaly**  
965B93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D430CA 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 #D430CA looks like.

```
.text, #text, p{  
    color:#D430CA  
}
```

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 #D430CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D430CA
}
```

## Border

The CSS property to change the border of an element to Hex D430CA 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
#D430CA }
```

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

```
.border{ border-color:#D430CA }
```

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

Here you see how a box with a 4 pixel #D430CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D430CA; -webkit-box-shadow:4px 4px  
4px 4px #D430CA; box-shadow:4px 4px 4px  
4px #D430CA }
```

# Background

The CSS property to change the background color of an element to Hex D430CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D430CA }
```

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

```
.background{ background-color:#D430CA }
```

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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