

Converting Colors

Hex(C461DB)

Have a look what the booklet for
Hex(C461DB) contains.

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Color

Hex(C461DB)

Conversions

Conversions Part 1

Format	Color
Hex	C461DB
RGB	196, 97, 219
RGB Percent	77%, 38%, 86%
CMY	0.2314, 0.6196, 0.1412
CMYK	0.11, 0.56, 0.00, 0.14
HSL	289°, 63%, 62%
HSV	289°, 56%, 86%
XYZ	39.8258, 25.3996, 69.8214
YIQ	140.5090, 19.8420, 58.9300

Conversions

Conversions Part 2

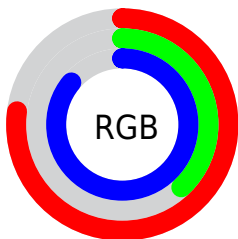
Format	Color
RYB	196, 97, 219
Decimal	12870107
CIELab	57.46, 57.50, -45.81
CIELCh	57, 73.516, 321.458
Yxy	25.3996, 0.2949, 0.1881
Android (android.graphics.Color)	4291060187 (0xFFC461DB)
YUV	140.5090, 38.6961, 48.6656
Hunter-Lab	50.3980, 52.8587, -46.8617

Details

The Hex color **C461DB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **78DB61**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF98FF**, and **8B29A3** is the 20% darker color. If you saturate the color by 10%, you get **C04BDB**, and if you desaturate by 10%, it is **C877DB**.

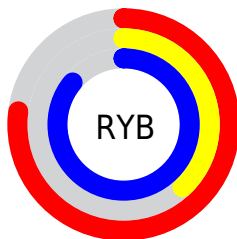
Distribution



Red (77%)

Green (38%)

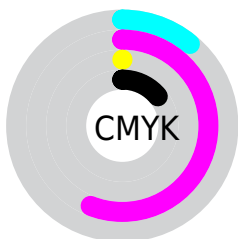
Blue (86%)



Red (77%)

Yellow (38%)

Blue (86%)

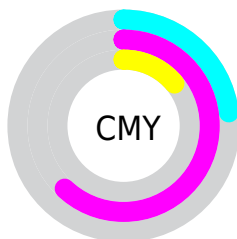


Cyan (11%)

Magenta (56%)

Yellow (0%)

Black (14%)



Cyan (23%)

Magenta (62%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color C461DB 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 C461DB by changing the saturation by 10% instead.

 C461DB

 C461DB

FFFFFF

 A746BF

 FF98FF

 8B29A3

 FFB4FF

 700289

 FFD0FF

 55006F

 FFEDFF

 3A0056

 22003E

 000027

 000110

 000000

 C461DB

 C461DB

 C04BDB

 C877DB

 BC35DB

 CC8DDB

 B81FDB

 D0A3DB

 B309DB

 D5B9DB

 B200DB

 D9CFDB

 DDE4DB

 E1FADB

 E5FFDB

 E9FFDB

Harmonies

Analogous

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



5B81FF



C461DB



F2439F

Triad

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



C461DB



B68100



00A7B7

Complementary

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



C461DB



78DB61

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.



00A575



C461DB



7A9400

Square

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



C461DB



E26422



08A032



00A3EE

Rectangle

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



C461DB



FB4074



08A032



00A7A2

Sweetspot

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



C461DB



F7D4FF



6179DB



7B6680



000000



808080

Same Dimension

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



C461DB



DF54FF



DB61B6



6C636E



8D00AD



25002E

Inverse Universe

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



DB6178



FF5474



61DB86



6E6365



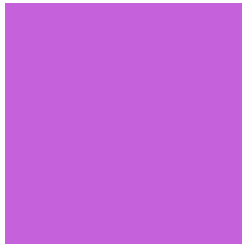
AD0021



2E0009

Previews

White Background



This preview shows how the Hex color C461DB 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

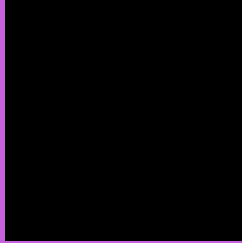
Any Text WCAG AA ✓ Pass

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 C461DB Background



This preview shows how black text looks on a background with the Hex color C461DB.

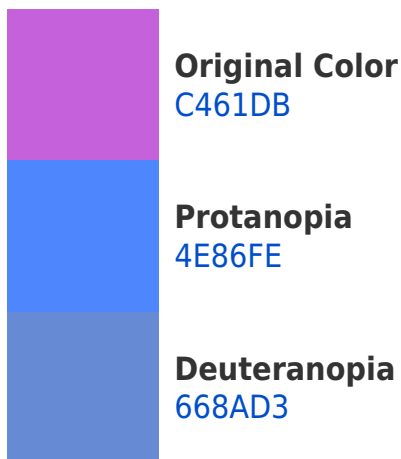


This preview shows how white text looks on a background with the Hex color C461DB.

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](#).

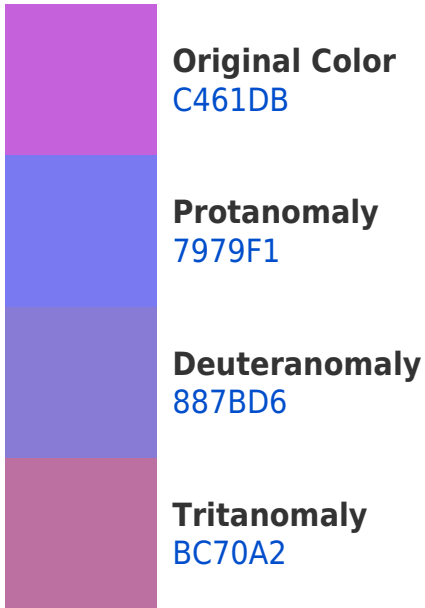
Dichromacy



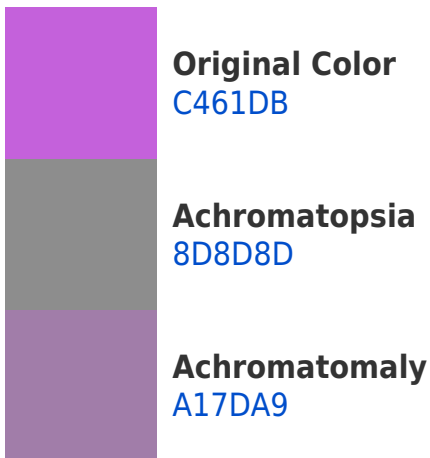


Tritanopia
B87882

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C461DB 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 #C461DB looks like.

```
.text, #text, p{  
    color:#C461DB  
}
```

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 #C461DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C461DB
}
```

Border

The CSS property to change the border of an element to Hex C461DB 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".

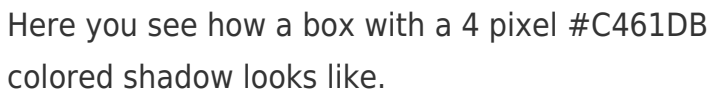
```
.border, #border, table{ border:4px solid
#C461DB }
```

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

```
.border{ border-color:#C461DB }
```

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

Here you see how a box with a 4 pixel #C461DB colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is shadowed, creating a 3D effect. The shadow is a darker shade of purple.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C461DB; -webkit-box-shadow:4px 4px  
4px 4px #C461DB; box-shadow:4px 4px 4px  
4px #C461DB }
```

Background

The CSS property to change the background color of an element to Hex C461DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C461DB }
```

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

```
.background{ background-color:#C461DB }
```

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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