

Converting Colors

Hex(D415C7)

Have a look what the booklet for
Hex(D415C7) contains.

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Color

Hex(D415C7)

Conversions

Conversions Part 1

Format	Color
Hex	D415C7
RGB	212, 21, 199
RGB Percent	83%, 8%, 78%
CMY	0.1686, 0.9176, 0.2196
CMYK	0.00, 0.90, 0.06, 0.17
HSL	304°, 82%, 46%
HSV	304°, 90%, 83%
XYZ	37.7283, 18.6569, 55.6455
YIQ	98.4010, 56.6980, 95.8500

Conversions

Conversions Part 2

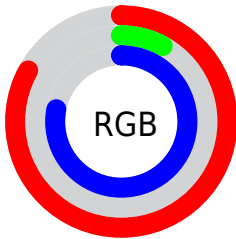
Format	Color
R_{YB}	212, 21, 199
Decimal	13899207
CIE _{Lab}	50.28, 81.76, -45.62
CIE _{LCh}	50, 93.625, 330.839
Yxy	18.6569, 0.3368, 0.1665
Android (android.graphics.Color)	4292089287 (0xFFD415C7)
YUV	98.4010, 49.5953, 99.6263
Hunter-Lab	43.1936, 80.3255, -46.1465

Details

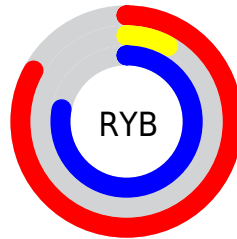
The Hex color **D415C7** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **15D422**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF63FF**, and **990090** is the 20% darker color. If you saturate the color by 10%, you get **D400C6**, and if you desaturate by 10%, it is **D42AC8**.

Distribution



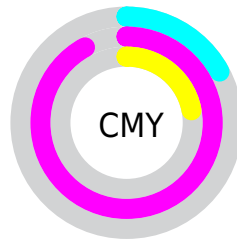
- Red (83%)
- Green (8%)
- Blue (78%)



- Red (83%)
- Yellow (8%)
- Blue (78%)



- Cyan (0%)
- Magenta (90%)
- Yellow (6%)
- Black (17%)



- Cyan (17%)
- Magenta (92%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color D415C7 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 D415C7 by changing the saturation by 10% instead.

 D415C7

 D415C7

FFFFFF

 B600AB

 FF63FF

 990090

 FF82FF

 7C0076

 FFA0FF

 5F005D

 FFBEFF

 450045

 FFDCFF

 26002D

 FFFAFF

 000117

 000000

 D415C7

 D415C7

 D400C6

 D42AC8

 D43FCA

 D455CB

 D46ACD

 D47FCE

 D494D0

 D4A9D1

 D4BFD3

 D4D4D4

Harmonies

Analogous

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



6460FF



D415C7



FB0079

Triad

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



D415C7



907600



0097C8

Complementary

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



D415C7



15D422

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.



009678



D415C7



3A8900

Square

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



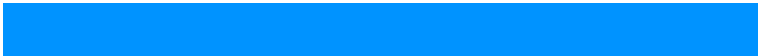
D415C7



CD5100



00921D



0093FF

Rectangle

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



D415C7



FA0045



00921D



0097AF

Sweetspot

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



D415C7



FFBAFA



2215D4



80577D



000000



808080

Same Dimension

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



D415C7



FF00EE



D41568



6B606A



AB009F



2B0028

Inverse Universe

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



D415C7



FF00EE



15D481



6B606A



AB009F



2B0028

Previews

White Background



This preview shows how the Hex color D415C7 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 D415C7 Background



This preview shows how black text looks on a background with the Hex color D415C7.

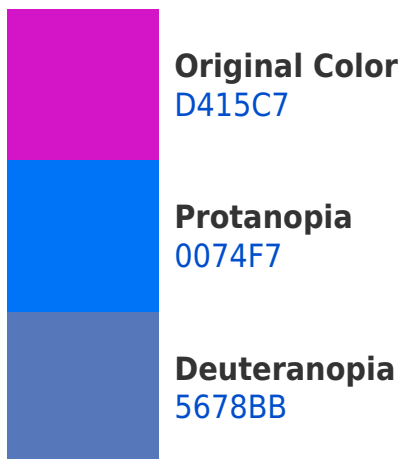


This preview shows how white text looks on a background with the Hex color D415C7.

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
D415C7



Protanomaly
4D51E6



Deuteranomaly
8454BF



Tritanomaly
CD3B7E

Monochromacy



Original Color
D415C7



Achromatopsia
626262



Achromatomaly
8B4687

CSS Examples

Text

The CSS property to change the color of the text to Hex D415C7 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 #D415C7 looks like.

```
.text, #text, p{  
    color:#D415C7  
}
```

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 #D415C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D415C7
}
```

Border

The CSS property to change the border of an element to Hex D415C7 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
#D415C7 }
```

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

```
.border{ border-color:#D415C7 }
```

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

Here you see how a box with a 4 pixel #D415C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D415C7; -webkit-box-shadow:4px 4px  
4px 4px #D415C7; box-shadow:4px 4px 4px  
4px #D415C7 }
```

Background

The CSS property to change the background color of an element to Hex D415C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D415C7 }
```

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

```
.background{ background-color:#D415C7 }
```

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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