

# Converting Colors

Hex(D415A4)

Have a look what the booklet for  
Hex(D415A4) contains.

|  |    |
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**Color**

**Hex(D415A4)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | D415A4                    |
| RGB           | 212, 21, 164              |
| RGB Percent   | 83%, 8%, 64%              |
| CMY           | 0.1686, 0.9176, 0.3569    |
| CMYK          | 0.00, 0.90, 0.23, 0.17    |
| HSL           | 315°, 82%, 46%            |
| HSV           | 315°, 90%, 83%            |
| XYZ           | 34.1204, 17.2137, 36.6462 |
| YIQ           | 94.4110, 67.9330, 84.9650 |

# Conversions

## Conversions Part 2

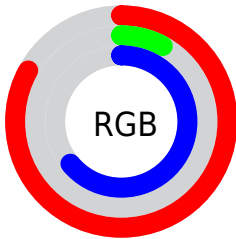
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 212, 21, 164                  |
| Decimal                             | 13899172                      |
| CIE Lab                             | 48.53, 77.22, -27.86          |
| CIE LCh                             | 49, 82.089, 340.158           |
| Yxy                                 | 17.2137, 0.3878,<br>0.1957    |
| Android<br>(android.graphics.Color) | 4292089252<br>(0xFFD415A4)    |
| YUV                                 | 94.4110, 34.3074,<br>103.1256 |
| Hunter-Lab                          | 41.4894, 74.1897,<br>-23.3263 |

# Details

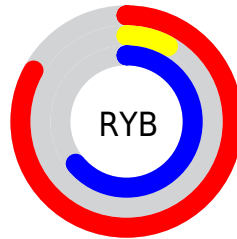
The Hex color **D415A4** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **15D445**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF62DB**, and **980070** is the 20% darker color. If you saturate the color by 10%, you get **D4009F**, and if you desaturate by 10%, it is **D42AA9**.

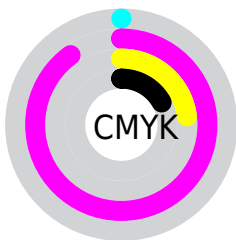
# Distribution



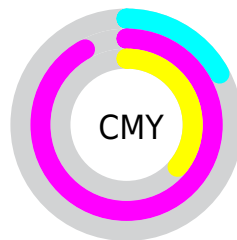
- Red (83%)
- Green (8%)
- Blue (64%)



- Red (83%)
- Yellow (8%)
- Blue (64%)



- Cyan (0%)
- Magenta (90%)
- Yellow (23%)
- Black (17%)



- Cyan (17%)
- Magenta (92%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D415A4 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 D415A4 by changing the saturation by 10% instead.



 D415A4

 D415A4

FFFFFF

 B60089

 FF62DB

 980070

 FF80F8

 7B0057

 FF9EFF

 5E003F

 FFBBFF

 440029

 FFD9FF

 260013

 FFF8FF

 000000

 D415A4

 D415A4

 D4009F

 D42AA9

 D43FAF

 D455B4

 D46AB9

 D47FBF

 D494C4

 D4A9C9

 D4BFCF

 D4D4D4

# Harmonies

## Analogous

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



8E52DF



D415A4



E9005F

# Triad

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



D415A4



777800



008FCC

# Complementary

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



D415A4



15D445

# 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.



00908A



D415A4



188600

# Square

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



D415A4



B15E00



008D40



0088F8

# Rectangle

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



D415A4



E21C32



008D40



0090B8



# Sweetspot

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



D415A4



FFBAEE



4515D4



805775



000000



808080



# Same Dimension

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



D415A4



FF00BF



D41545



6B6068



AB0080



2B0020



# Inverse Universe

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



D415A4



FF00BF



15D4A4



6B6068



AB0080



2B0020



# Previews

## White Background



This preview shows how the Hex color D415A4 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

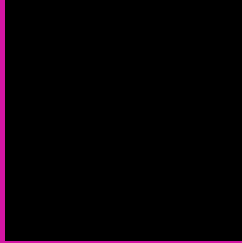
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex D415A4 Background



This preview shows how black text looks on a background with the Hex color D415A4.

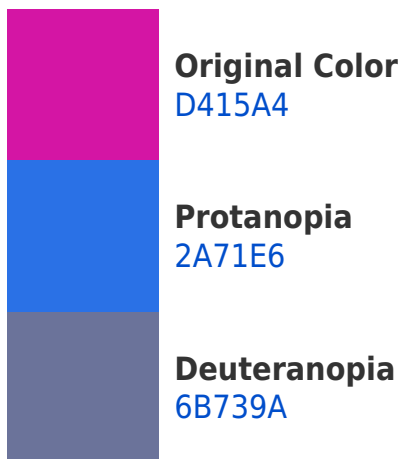


This preview shows how white text looks on a background with the Hex color D415A4.

# 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**  
D415A4



**Protanomaly**  
6850CE



**Deuteranomaly**  
91519E



**Tritanomaly**  
D03268

# Monochromacy



**Original Color**  
D415A4



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
894377

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D415A4 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 #D415A4 looks like.

```
.text, #text, p{  
    color:#D415A4  
}
```

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 #D415A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D415A4
}
```

## Border

The CSS property to change the border of an element to Hex D415A4 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
#D415A4 }
```

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

```
.border{ border-color:#D415A4 }
```

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

Here you see how a box with a 4 pixel #D415A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D415A4; -webkit-box-shadow:4px 4px  
4px 4px #D415A4; box-shadow:4px 4px 4px  
4px #D415A4 }
```

# Background

The CSS property to change the background color of an element to Hex D415A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D415A4 }
```

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

```
.background{ background-color:#D415A4 }
```

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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