

# Converting Colors

Hex(D435A7)

Have a look what the booklet for  
Hex(D435A7) contains.

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# Color

**Hex(D435A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D435A7
RGB	212, 53, 167
RGB Percent	83%, 21%, 65%
CMY	0.1686, 0.7922, 0.3451
CMYK	0.00, 0.75, 0.21, 0.17
HSL	317°, 65%, 52%
HSV	317°, 75%, 83%
XYZ	35.3995, 19.3333, 38.4251
YIQ	113.5370, 58.1700, 69.1620

# Conversions

## Conversions Part 2

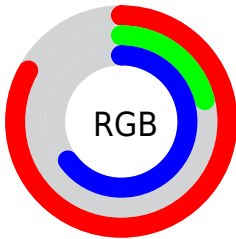
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 53, 167
Decimal	13907367
CIE Lab	51.07, 70.63, -25.69
CIE LCh	51, 75.152, 340.012
Yxy	19.3333, 0.3800, 0.2075
Android (android.graphics.Color)	4292097447 (0xFFD435A7)
YUV	113.5370, 26.3573, 86.3521
Hunter-Lab	43.9696, 66.7619, -21.0349

# Details

The Hex color **D435A7** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **35D462**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF73DE**, and **990073** is the 20% darker color. If you saturate the color by 10%, you get **D420A1**, and if you desaturate by 10%, it is **D44AAD**.

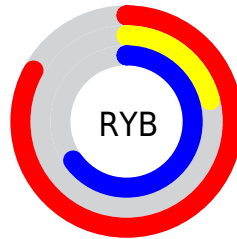
# Distribution



Red (83%)

Green (21%)

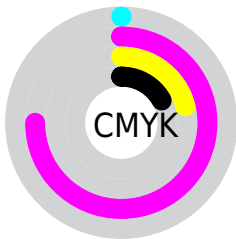
Blue (65%)



Red (83%)

Yellow (21%)

Blue (65%)

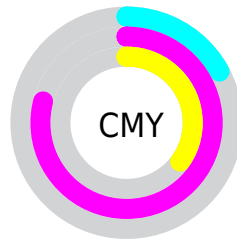


Cyan (0%)

Magenta (75%)

Yellow (21%)

Black (17%)



Cyan (17%)

Magenta (79%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D435A7 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 D435A7 by changing the saturation by 10% instead.



 D435A7

 D435A7

FFFFFF

 B6018C

 FF73DE

 990073

 FF90FB

 7C005A

 FFADFF

 600042

 FFCAFF

 46002C

 FFE8FF

 290016

 000000

 D435A7

 D435A7

 D420A1

 D44AAD

 D40B9B

 D45FB3

 D40098

 D475B9

 D48ABF

 D49FC5

 D4B4CB

 D4C9D1

 D4DFD7

 D4F4DD

# Harmonies

## Analogous

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



945DDD



D435A7



E82267

# Triad

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



D435A7



807E00



0094CB

# Complementary

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



D435A7



35D462

# 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.



00958E



D435A7



338C00

# Square

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



D435A7



B66600



00934B



008DF3

# Rectangle

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



D435A7



E3373E



00934B



0095B9



# Sweetspot

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



D435A7



FFC4EE



5F35D4



805C75



000000



808080



# Same Dimension

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



D435A7



FF19BE



D4355A



6B6068



AB007A



2B001F



# Inverse Universe

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



D435A7



FF19BE



35D4AF



6B6068



AB007A



2B001F



# Previews

## White Background



This preview shows how the Hex color D435A7 looks on a white background.

## Color Contrast Check

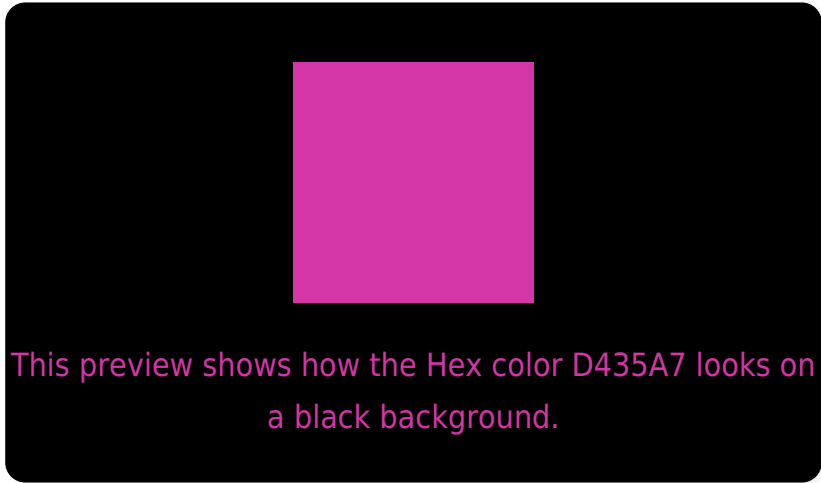
Large Text (above 18pt) WCAG AA ✓ Pass

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 D435A7 Background



This preview shows how black text looks on a background with the Hex color D435A7.

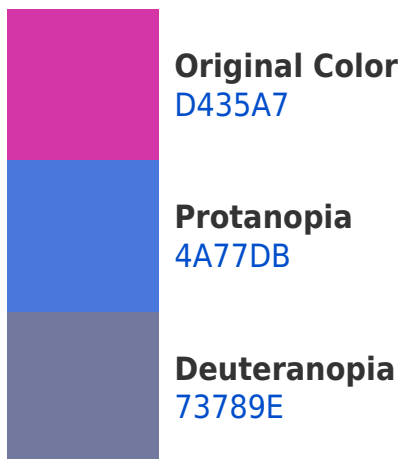


This preview shows how white text looks on a background with the Hex color D435A7.

# 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**  
D435A7



**Protanomaly**  
7C5FC8



**Deuteranomaly**  
9660A1

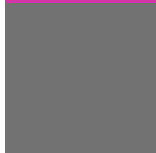


**Tritanomaly**  
D04673

# Monochromacy



**Original Color**  
D435A7



**Achromatopsia**  
727272



**Achromatomaly**  
965C85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D435A7 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 #D435A7 looks like.

```
.text, #text, p{  
    color:#D435A7  
}
```

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 #D435A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D435A7
}
```

## Border

The CSS property to change the border of an element to Hex D435A7 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
#D435A7 }
```

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

```
.border{ border-color:#D435A7 }
```

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

Here you see how a box with a 4 pixel #D435A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D435A7; -webkit-box-shadow:4px 4px  
4px 4px #D435A7; box-shadow:4px 4px 4px  
4px #D435A7 }
```

# Background

The CSS property to change the background color of an element to Hex D435A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D435A7 }
```

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

```
.background{ background-color:#D435A7 }
```

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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