

# Converting Colors

Hex(D435AC)

Have a look what the booklet for  
Hex(D435AC) contains.

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**Color**

**Hex(D435AC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D435AC
RGB	212, 53, 172
RGB Percent	83%, 21%, 67%
CMY	0.1686, 0.7922, 0.3255
CMYK	0.00, 0.75, 0.19, 0.17
HSL	315°, 65%, 52%
HSV	315°, 75%, 83%
XYZ	35.8709, 19.5218, 40.9072
YIQ	114.1070, 56.5650, 70.7170

# Conversions

## Conversions Part 2

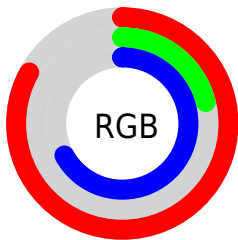
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 53, 172
Decimal	13907372
CIE <sub>Lab</sub>	51.29, 71.28, -28.29
CIE <sub>LCh</sub>	51, 76.688, 338.350
Yxy	19.5218, 0.3725, 0.2027
Android (android.graphics.Color)	4292097452 (0xFFD435AC)
YUV	114.1070, 28.5412, 85.8522
Hunter-Lab	44.1835, 67.5961, -23.9651

# Details

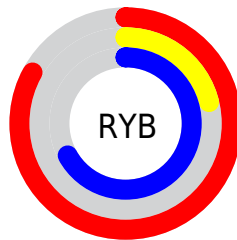
The Hex color **D435AC** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **35D45D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF73E4**, and **990077** is the 20% darker color. If you saturate the color by 10%, you get **D420A7**, and if you desaturate by 10%, it is **D44AB1**.

# Distribution



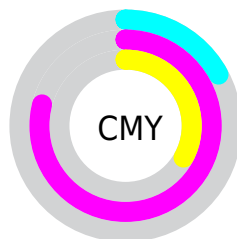
- Red (83%)
- Green (21%)
- Blue (67%)



- Red (83%)
- Yellow (21%)
- Blue (67%)



- Cyan (0%)
- Magenta (75%)
- Yellow (19%)
- Black (17%)



- Cyan (17%)
- Magenta (79%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D435AC 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 D435AC by changing the saturation by 10% instead.



 D435AC

 D435AC

FFFFFF

 B60191

 FF73E4

 990077

 FF90FF

 7C005E

 FFADFF

 600046

 FFCBFF

 460030

 FFE8FF

 29001A

 000000

 D435AC

 D435AC

 D420A7

 D44AB1

 D40BA1

 D45FB7

 D4009F

 D475BC

 D48AC1

 D49FC7

 D4B4CC

 D4C9D1

 D4DFD7

 D4F4DC

# Harmonies

## Analogous

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



905FE2



D435AC



EB1C6B

# Triad

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



D435AC



847D00



0095CB

# Complementary

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



D435AC



35D45D

# 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.



00968B



D435AC



388C00

# Square

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



D435AC



BA6500



009346



008EF5

# Rectangle

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



D435AC



E63241



009346



0096B7



# Sweetspot

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



D435AC



FFC4F0



5D35D4



805C77



000000



808080



# Same Dimension

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



D435AC



FF19C5



D4355D



6B6068



AB0080



2B0020



# Inverse Universe

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



D435AC



FF19C5



35D4AC



6B6068



AB0080



2B0020



# Previews

## White Background



This preview shows how the Hex color D435AC 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 D435AC Background



This preview shows how black text looks on a background with the Hex color D435AC.

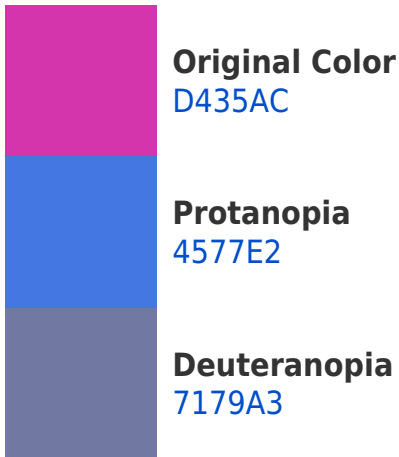


This preview shows how white text looks on a background with the Hex color D435AC.

# 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**  
D435AC



**Protanomaly**  
795FCE



**Deuteranomaly**  
9560A6



**Tritanomaly**  
CF4775

# Monochromacy



**Original Color**  
D435AC



**Achromatopsia**  
727272



**Achromatomaly**  
965C87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D435AC 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 #D435AC looks like.

```
.text, #text, p{  
    color:#D435AC  
}
```

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 #D435AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D435AC
}
```

## Border

The CSS property to change the border of an element to Hex D435AC 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
#D435AC }
```

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

```
.border{ border-color:#D435AC }
```

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

Here you see how a box with a 4 pixel #D435AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D435AC; -webkit-box-shadow:4px 4px  
4px 4px #D435AC; box-shadow:4px 4px 4px  
4px #D435AC }
```

# Background

The CSS property to change the background color of an element to Hex D435AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D435AC }
```

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

```
.background{ background-color:#D435AC }
```

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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