

# Converting Colors

Hex(D295CE)

Have a look what the booklet for  
Hex(D295CE) contains.

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# **Color**

**Hex(D295CE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D295CE
RGB	210, 149, 206
RGB Percent	82%, 58%, 81%
CMY	0.1765, 0.4157, 0.1922
CMYK	0.00, 0.29, 0.02, 0.18
HSL	304°, 40%, 70%
HSV	304°, 29%, 82%
XYZ	48.4664, 39.6528, 63.4918
YIQ	173.7370, 18.0590, 30.6590

# Conversions

## Conversions Part 2

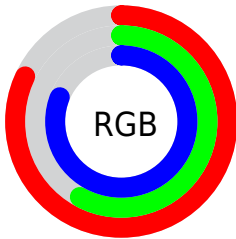
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 149, 206
Decimal	13800910
CIE <sub>Lab</sub>	69.22, 32.12, -20.16
CIE <sub>LCh</sub>	69, 37.923, 327.894
Yxy	39.6528, 0.3197, 0.2615
Android (android.graphics.Color)	4291990990 (0xFFD295CE)
YUV	173.7370, 15.9057, 31.8027
Hunter-Lab	62.9704, 27.1876, -15.7016

# Details

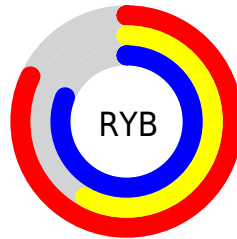
The Hex color **D295CE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **95D299**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCCFF**, and **9B6198** is the 20% darker color. If you saturate the color by 10%, you get **D280CD**, and if you desaturate by 10%, it is **D2AACF**.

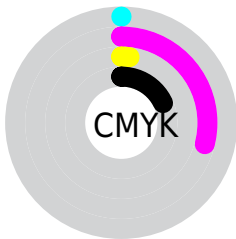
# Distribution



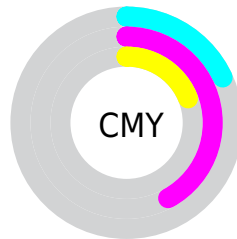
- Red (82%)
- Green (58%)
- Blue (81%)



- Red (82%)
- Yellow (58%)
- Blue (81%)



- Cyan (0%)
- Magenta (29%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (42%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D295CE 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 D295CE by changing the saturation by 10% instead.



 D295CE

 D295CE

FFFFFF

 B67BB2

 FFCCFF

 9B6198

 FFE8FF

 80497E

 663165

 4D194C

 350135

 220020

 000004

 000000

 D295CE

 D295CE

 D280CD

 D2AACF

 D26BCB

 D2BFD1

 D256CA

 D2D4D2

 D241C8

 D2E9D4

 D22CC7

 D2FED5

 D217C6

 D2FFD6

 D202C4

 D2FFD8

 D200C4

 D2FFD9

 D2FFDA

# Harmonies

## Analogous

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



A9A1E6



D295CE



E88EAD

# Triad

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



D295CE



C2A664



0DBBC8

# Complementary

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



D295CE



95D299

# 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.



47BBA5



D295CE



9EB16B

# Square

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



D295CE



DD9A70



76B883



32B6E2

# Rectangle

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



D295CE



EC8F96



76B883



21BBBD



# Sweetspot

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



D295CE



FFE8FD



9895D2



80717F



000000



808080



# Same Dimension

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



D295CE



FFA6F9



D295B0



695E68



A8009D



290026



# Inverse Universe

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



D295CE



FFA6F9



95D2B7



695E68



A8009D

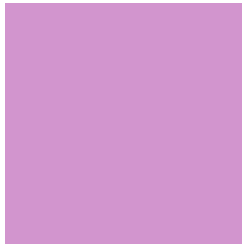


290026



# Previews

## White Background



This preview shows how the Hex color D295CE looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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

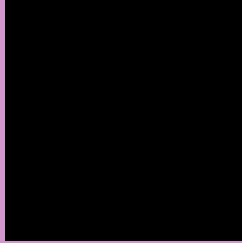
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D295CE Background



This preview shows how black text looks on a background with the Hex color D295CE.

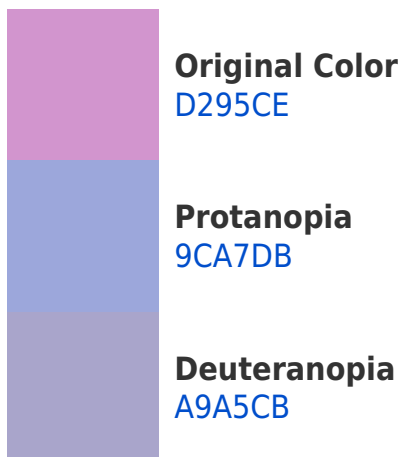


This preview shows how white text looks on a background with the Hex color D295CE.

# 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](#).

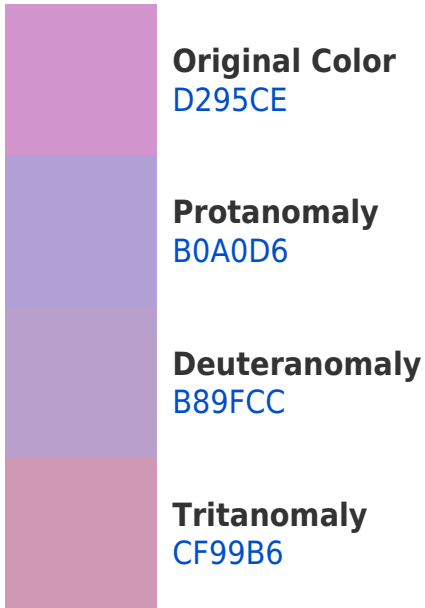
## Dichromacy



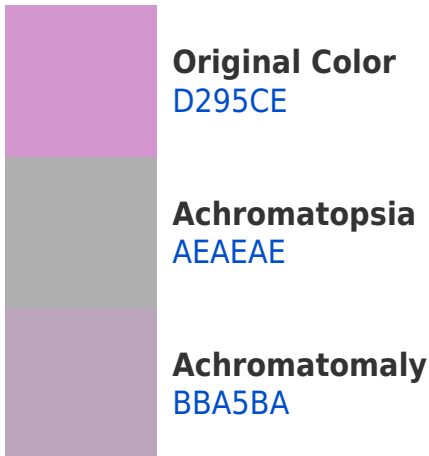


**Tritanopia**  
CD9CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D295CE 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 #D295CE looks like.

```
.text, #text, p{  
    color:#D295CE  
}
```

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 #D295CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D295CE
}
```

## Border

The CSS property to change the border of an element to Hex D295CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

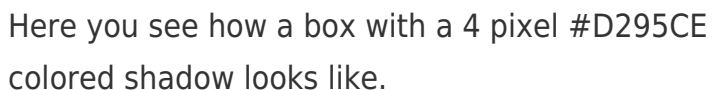
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D295CE }
```

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

```
.border{ border-color:#D295CE }
```

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



Here you see how a box with a 4 pixel #D295CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D295CE; -webkit-box-shadow:4px 4px  
4px 4px #D295CE; box-shadow:4px 4px 4px  
4px #D295CE }
```

# Background

The CSS property to change the background color of an element to Hex D295CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D295CE }
```

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

```
.background{ background-color:#D295CE }
```

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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