

# Converting Colors

Hex(D294DF)

Have a look what the booklet for  
Hex(D294DF) contains.

|  |    |
|--|----|
| <b>Hex(D294DF)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(D294DF)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | D294DF                     |
| RGB         | 210, 148, 223              |
| RGB Percent | 82%, 58%, 87%              |
| CMY         | 0.1765, 0.4196, 0.1255     |
| CMYK        | 0.06, 0.34, 0.00, 0.13     |
| HSL         | 290°, 54%, 73%             |
| HSV         | 290°, 34%, 87%             |
| XYZ         | 50.4875, 40.2092, 74.9122  |
| YIQ         | 175.0880, 12.8770, 36.4690 |

# Conversions

## Conversions Part 2

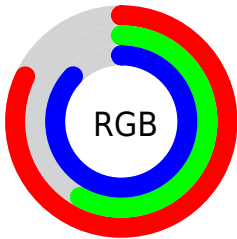
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">210, 148, 223</a>                  |
| Decimal                             | <a href="#">13800671</a>                       |
| CIELab                              | <a href="#">69.62, 35.89, -28.94</a>           |
| CIElCh                              | <a href="#">70, 46.107, 321.117</a>            |
| Yxy                                 | <a href="#">40.2092, 0.3049,<br/>0.2428</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4291990751<br/>(0xFFD294DF)</a>    |
| YUV                                 | <a href="#">175.0880, 23.6206,<br/>30.6178</a> |
| Hunter-Lab                          | <a href="#">63.4107, 31.1528,<br/>-25.6566</a> |

# Details

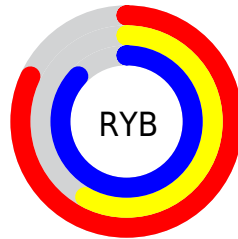
The Hex color **D294DF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A1DF94**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFCBFF**, and **9A60A8** is the 20% darker color. If you saturate the color by 10%, you get **CE7EDF**, and if you desaturate by 10%, it is **D6AADF**.

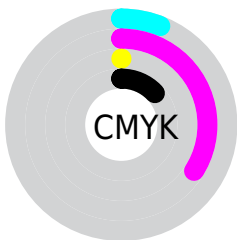
# Distribution



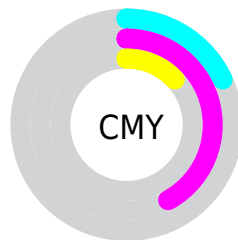
- Red (82%)
- Green (58%)
- Blue (87%)



- Red (82%)
- Yellow (58%)
- Blue (87%)



- Cyan (6%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (42%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D294DF 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 D294DF by changing the saturation by 10% instead.



 D294DF

 D294DF

FFFFFF

 B67AC3

 FFCBFF

 9A60A8

 FFE7FF

 80478D

 662F73

 4C175A

 340043

 21002C

 000116

 000000

 D294DF

 D294DF

 CE7EDF

 D6AADF

 CA67DF

 DAC1DF

 C651DF

 DED7DF

 C33BDF

 E1EDDF

 BF24DF

 E5FFDF

 BB0EDF

 E9FFDF

 B800DF

 EDFFDf

 F1FFDF

 F5FFDF

# Harmonies

## Analogous

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



9AA4F8



D294DF



F289B8

# Triad

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



D294DF



CFA356



00BFC7

# Complementary

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



D294DF



A1DF94

# 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.



2EBF9C



D294DF



A6B15A

# Square

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



D294DF



EC946A



76BA74



00BBEA

# Rectangle

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



D294DF



FA889C



76BA74



00C0B9



# Sweetspot

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



D294DF



FBE6FF



94A2DF



7D7080



000000



808080



# Same Dimension

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



D294DF



ED99FF



DF94C7



6E6570



9100B0



280030



# Inverse Universe

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



DF94A1



FF99AB



94DFAC



706567



B0001E

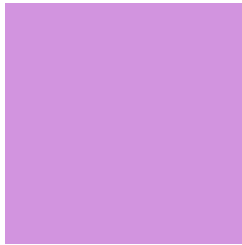


300008



# Previews

## White Background



This preview shows how the Hex color D294DF looks on a white background.

## Color Contrast Check

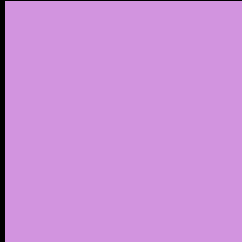
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D294DF looks on a 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 D294DF Background



This preview shows how black text looks on a background with the Hex color D294DF.

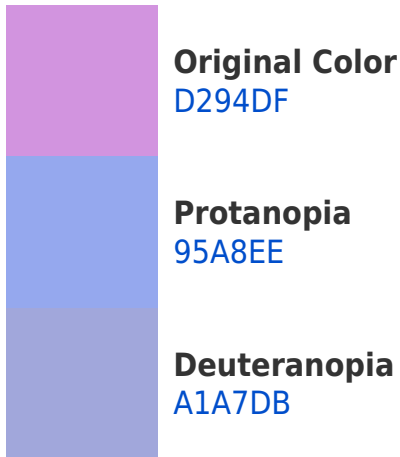


This preview shows how white text looks on a background with the Hex color D294DF.

# 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**  
CB9EAB

# Trichromacy



**Original Color**  
D294DF



**Protanomaly**  
ABA1E9



**Deuteranomaly**  
B3A0DC



**Tritanomaly**  
CE9ABE

# Monochromacy



**Original Color**  
D294DF



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
BCA5C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D294DF 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 #D294DF looks like.

```
.text, #text, p{  
    color:#D294DF  
}
```

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 #D294DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D294DF
}
```

## Border

The CSS property to change the border of an element to Hex D294DF 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
#D294DF }
```

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

```
.border{ border-color:#D294DF }
```

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

Here you see how a box with a 4 pixel #D294DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D294DF; -webkit-box-shadow:4px 4px  
4px 4px #D294DF; box-shadow:4px 4px 4px  
4px #D294DF }
```

# Background

The CSS property to change the background color of an element to Hex D294DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D294DF }
```

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

```
.background{ background-color:#D294DF }
```

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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