

# Converting Colors

Hex(D494C8)

Have a look what the booklet for  
Hex(D494C8) contains.

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# **Color**

**Hex(D494C8)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | D494C8                     |
| RGB         | 212, 148, 200              |
| RGB Percent | 83%, 58%, 78%              |
| CMY         | 0.1686, 0.4196, 0.2157     |
| CMYK        | 0.00, 0.30, 0.06, 0.17     |
| HSL         | 311°, 43%, 71%             |
| HSV         | 311°, 30%, 83%             |
| XYZ         | 48.1666, 39.3470, 59.6997  |
| YIQ         | 173.0640, 21.4520, 29.7400 |

# Conversions

## Conversions Part 2

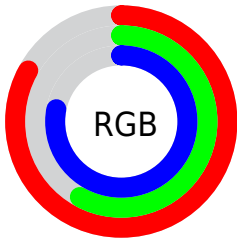
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 212, 148, 200                 |
| Decimal                             | 13931720                      |
| CIE <sub>Lab</sub>                  | 69.00, 32.24, -17.14          |
| CIE <sub>LCh</sub>                  | 69, 36.517, 332.008           |
| Yxy                                 | 39.3470, 0.3272,<br>0.2673    |
| Android<br>(android.graphics.Color) | 4292121800<br>(0xFFD494C8)    |
| YUV                                 | 173.0640, 13.2794,<br>34.1469 |
| Hunter-Lab                          | 62.7272, 27.2931,<br>-12.5193 |

# Details

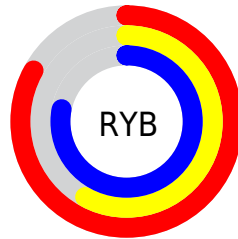
The Hex color **D494C8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **94D4A0**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFCBFF**, and **9C6092** is the 20% darker color. If you saturate the color by 10%, you get **D47FC4**, and if you desaturate by 10%, it is **D4A9CC**.

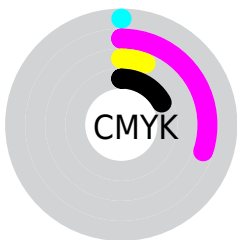
# Distribution



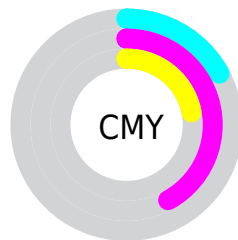
- Red (83%)
- Green (58%)
- Blue (78%)



- Red (83%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (17%)



- Cyan (17%)
- Magenta (42%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D494C8 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 D494C8 by changing the saturation by 10% instead.



 D494C8

 D494C8

FFFFFF

 B87AAD

 FFCBFF

 9C6092

 FFE7FF

 824878

 68305F

 4F1848

 360031

 23001C

 000000

 D494C8

 D494C8

 D47FC4

 D4A9CC

 D46AC0

 D4BED0

 D454BC

 D4D4D4

 D43FB8

 D4E9D8

 D42AB4

 D4FEDC

 D415B0

 D4FFE0

 D400AC

 D4FFE4

 D4FFE8

 D4FFEC

# Harmonies

## Analogous

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



AF9FE0



D494C8



E78FA7

# Triad

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



D494C8



BCA766



21B9CA

# Complementary

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



D494C8



94D4A0

# 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.



46BAAA



D494C8



99B16F

# Square

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



D494C8



D89C6F



72B788



43B4E2

# Rectangle

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



D494C8



E99091



72B788



29BAC0

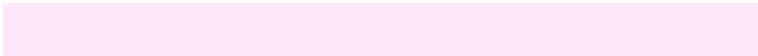


# Sweetspot

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



D494C8



FFE8FB



A094D4



80717D



000000



808080



# Same Dimension

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



D494C8



FFA3EE



D494A8



6B6069



AB008B



2B0023



# Inverse Universe

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



D494C8



FFA3EE



94D4C0



6B6069



AB008B

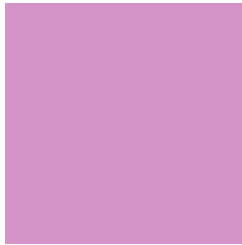


2B0023



# Previews

## White Background



This preview shows how the Hex color D494C8 looks on a white background.

## Color Contrast Check

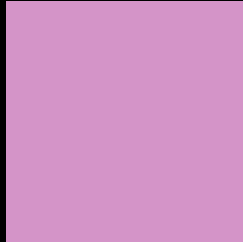
Large Text (above 18pt) WCAG AA × Fail

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 D494C8 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 D494C8 Background



This preview shows how black text looks on a background with the Hex color D494C8.

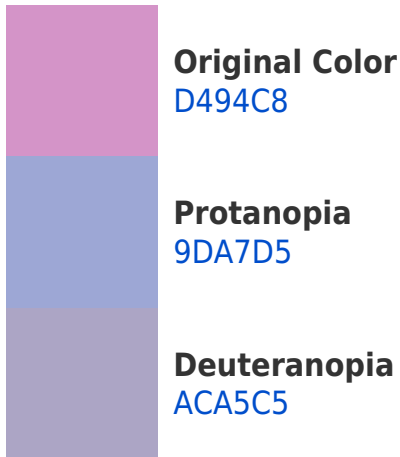


This preview shows how white text looks on a background with the Hex color D494C8.

# 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**  
D09AA6

# Trichromacy



**Original Color**  
D494C8



**Protanomaly**  
B1A0D0



**Deuteranomaly**  
BB9FC6

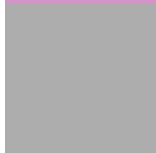


**Tritanomaly**  
D198B2

# Monochromacy



**Original Color**  
D494C8



**Achromatopsia**  
ADADAD



**Achromatomaly**  
BBA4B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D494C8 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 #D494C8 looks like.

```
.text, #text, p{  
    color:#D494C8  
}
```

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 #D494C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D494C8
}
```

## Border

The CSS property to change the border of an element to Hex D494C8 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
#D494C8 }
```

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

```
.border{ border-color:#D494C8 }
```

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

Here you see how a box with a 4 pixel #D494C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D494C8; -webkit-box-shadow:4px 4px  
4px 4px #D494C8; box-shadow:4px 4px 4px  
4px #D494C8 }
```

# Background

The CSS property to change the background color of an element to Hex D494C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D494C8 }
```

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

```
.background{ background-color:#D494C8 }
```

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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