

# Converting Colors

Hex(D494F3)

Have a look what the booklet for  
Hex(D494F3) contains.

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**Color**

**Hex(D494F3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D494F3
RGB	212, 148, 243
RGB Percent	83%, 58%, 95%
CMY	0.1686, 0.4196, 0.0471
CMYK	0.13, 0.39, 0.00, 0.05
HSL	280°, 80%, 77%
HSV	280°, 39%, 95%
XYZ	53.9189, 41.6479, 89.9910
YIQ	177.9660, 7.6490, 43.1130

# Conversions

## Conversions Part 2

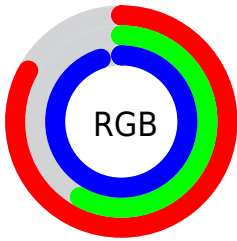
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 148, 243
Decimal	13931763
CIE Lab	70.63, 40.51, -38.33
CIE LCh	71, 55.775, 316.584
Yxy	41.6479, 0.2906, 0.2244
Android (android.graphics.Color)	4292121843 (0xFFD494F3)
YUV	177.9660, 32.0618, 29.8478
Hunter-Lab	64.5352, 36.1995, -37.5022

# Details

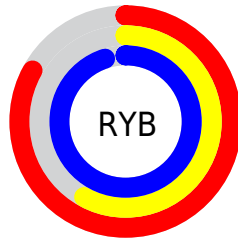
The Hex color **D494F3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B3F394**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFCBFF**, and **9C60BA** is the 20% darker color. If you saturate the color by 10%, you get **CC7CF3**, and if you desaturate by 10%, it is **DCACF3**.

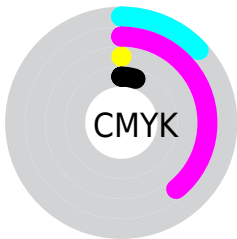
# Distribution



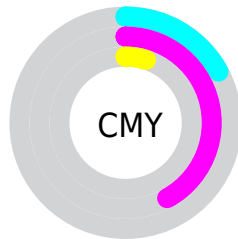
- Red (83%)
- Green (58%)
- Blue (95%)



- Red (83%)
- Yellow (58%)
- Blue (95%)



- Cyan (13%)
- Magenta (39%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (42%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D494F3 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 D494F3 by changing the saturation by 10% instead.



 D494F3

 D494F3

FFFFFF

 B87AD6

 FFCBFF

 9C60BA

 FFE7FF

 81479F

 662E85

 4C156B

 330052

 1E003B

 000224

 00000C

 D494F3

 D494F3

 CC7CF3

 DCACF3

 C463F3

 E4C5F3

 BC4BF3

 ECDDF3

 B433F3

 F4F5F3

 AC1AF3

 FCFFF3

 A402F3

 FFFFF3

 A400F3

# Harmonies

## Analogous

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



88A8FF



D494F3



FF84C6

# Triad

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



D494F3



DDA247



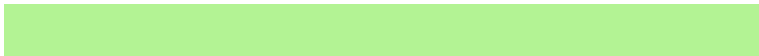
00C6C8

# Complementary

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



D494F3



B3F394

# 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.



00C594



D494F3



AEB346

# Square

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



D494F3



FE8F65



74BE64



00C3F5

# Rectangle

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



D494F3



FF80A4



74BE64



00C6B7



# Sweetspot

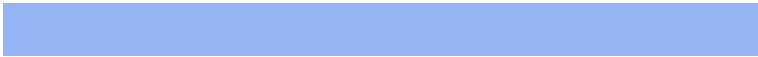
The Sweet Spot groups the original color and five complimentary colors.



D494F3



F5E0FF



94B4F3



7A6E80



000000



808080



# Same Dimension

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



D494F3



D887FF



F394E3



766E7A



7D00BA



28003B



# Inverse Universe

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



F394B3



FF87AE



94F3A4



7A6E72



BA003D

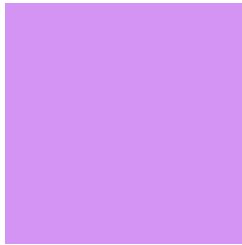


3B0013



# Previews

## White Background



This preview shows how the Hex color D494F3 looks on a white background.

## Color Contrast Check

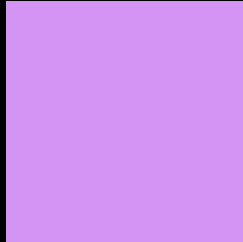
Large Text (above 18pt) WCAG AA × Fail

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 D494F3 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 D494F3 Background



This preview shows how black text looks on a background with the Hex color D494F3.

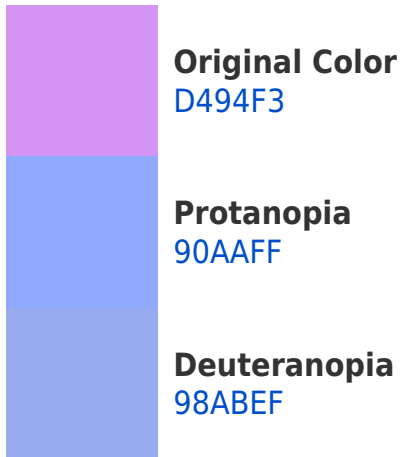


This preview shows how white text looks on a background with the Hex color D494F3.

# 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**  
D494F3



**Protanomaly**  
A9A2FB



**Deuteranomaly**  
AEA3F0



**Tritanomaly**  
CE9DC8

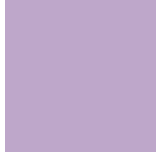
# Monochromacy



**Original Color**  
D494F3



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
BEA7CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D494F3 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 #D494F3 looks like.

```
.text, #text, p{  
  color:#D494F3  
}
```

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 #D494F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D494F3
}
```

## Border

The CSS property to change the border of an element to Hex D494F3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

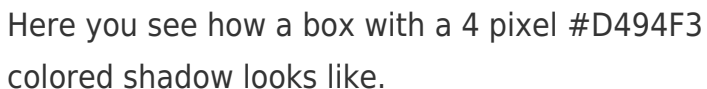
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D494F3 }
```

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

```
.border{ border-color:#D494F3 }
```

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



Here you see how a box with a 4 pixel #D494F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D494F3; -webkit-box-shadow:4px 4px  
4px 4px #D494F3; box-shadow:4px 4px 4px  
4px #D494F3 }
```

# Background

The CSS property to change the background color of an element to Hex D494F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D494F3 }
```

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

```
.background{ background-color:#D494F3 }
```

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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