

# Converting Colors

Hex(D093C7)

Have a look what the booklet for  
Hex(D093C7) contains.

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# **Color**

**Hex(D093C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D093C7
RGB	208, 147, 199
RGB Percent	82%, 58%, 78%
CMY	0.1843, 0.4235, 0.2196
CMYK	0.00, 0.29, 0.04, 0.18
HSL	309°, 39%, 70%
HSV	309°, 29%, 82%
XYZ	46.7549, 38.4009, 58.9807
YIQ	171.1670, 19.6640, 29.1040

# Conversions

## Conversions Part 2

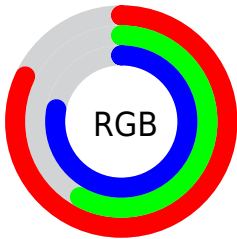
Format	Color
R <sub>Y</sub> B	208, 147, 199
Decimal	13669319
CIE Lab	68.32, 31.27, -17.66
CIE LCh	68, 35.916, 330.541
Yxy	38.4009, 0.3244, 0.2664
Android (android.graphics.Color)	4291859399 (0xFFD093C7)
YUV	171.1670, 13.7217, 32.3025
Hunter-Lab	61.9684, 26.2328, -13.0535

# Details

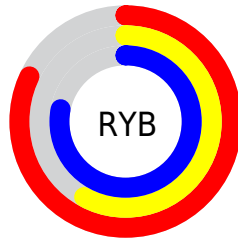
The Hex color **D093C7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **93D09C**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFCAFF**, and **995F91** is the 20% darker color. If you saturate the color by 10%, you get **D07EC4**, and if you desaturate by 10%, it is **D0A8CA**.

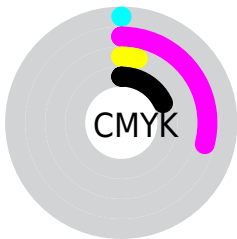
# Distribution



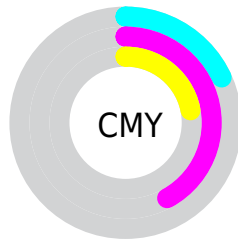
- Red (82%)
- Green (58%)
- Blue (78%)



- Red (82%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (29%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (42%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D093C7 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 D093C7 by changing the saturation by 10% instead.



 D093C7

 D093C7

FFFFFF

 B479AC

 FFCAFF

 995F91

 FFE6FF

 7E4777

 642F5E

 4B1747

 330030

 1F001B

 000000

 D093C7

 D093C7

 D07EC4

 D0A8CA

 D069C1

 D0BDCD

 D055BE

 D0D1D0

 D040BB

 D0E6D3

 D02BB8

 D0FBD6

 D016B5

 D0FFD9

 D001B2

 D0FFDC

 D000B1

 D0FFE0

 D0FFE3

# Harmonies

## Analogous

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



AB9EDE



D093C7



E38DA7

# Triad

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



D093C7



BCA565



25B7C6

# Complementary

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



D093C7



93D09C

# 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.



48B8A6



D093C7



9AAE6E

# Square

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



D093C7



D69A6F



73B586



42B2DE

# Rectangle

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



D093C7



E68E91



73B586



2DB8BC



# Sweetspot

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



D093C7



FFE8FC



9B93D0



80717D



000000



808080



# Same Dimension

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



D093C7



FFA6F2



D093A9



695E67



A8008F



290023



# Inverse Universe

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



D093C7



FFA6F2



93D0BA



695E67



A8008F

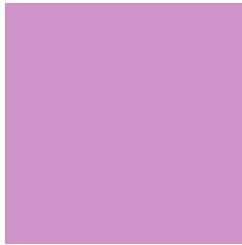


290023



# Previews

## White Background



This preview shows how the Hex color D093C7 looks on a white background.

## Color Contrast Check

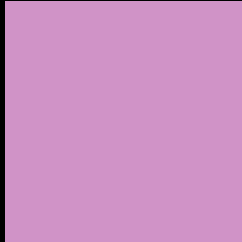
Large Text (above 18pt) WCAG AA × Fail

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 D093C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

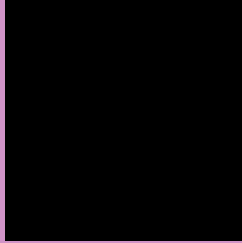
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D093C7 Background



This preview shows how black text looks on a background with the Hex color D093C7.

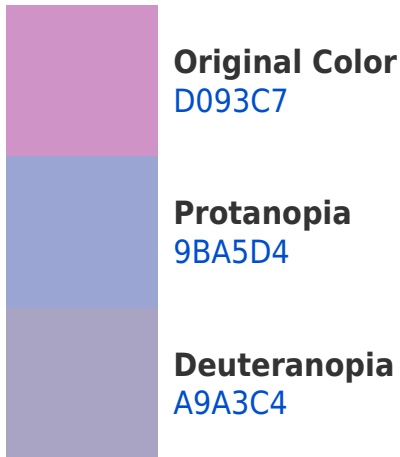



This preview shows how white text looks on a background with the Hex color D093C7.

# 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**  
CC99A5

# Trichromacy



**Original Color**  
D093C7



**Protanomaly**  
AE9ECF



**Deuteranomaly**  
B79DC5



**Tritanomaly**  
CD97B1

# Monochromacy



**Original Color**  
D093C7



**Achromatopsia**  
ABABAB



**Achromatomaly**  
B8A2B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D093C7 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 #D093C7 looks like.

```
.text, #text, p{  
    color:#D093C7  
}
```

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 #D093C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D093C7
}
```

## Border

The CSS property to change the border of an element to Hex D093C7 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
#D093C7 }
```

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

```
.border{ border-color:#D093C7 }
```

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

Here you see how a box with a 4 pixel #D093C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D093C7; -webkit-box-shadow:4px 4px  
4px 4px #D093C7; box-shadow:4px 4px 4px  
4px #D093C7 }
```

# Background

The CSS property to change the background color of an element to Hex D093C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D093C7 }
```

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

```
.background{ background-color:#D093C7 }
```

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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