

# Converting Colors

Hex(D93DA3)

Have a look what the booklet for  
Hex(D93DA3) contains.

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**Color**

**Hex(D93DA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D93DA3
RGB	217, 61, 163
RGB Percent	85%, 24%, 64%
CMY	0.1490, 0.7608, 0.3608
CMYK	0.00, 0.72, 0.25, 0.15
HSL	321°, 67%, 55%
HSV	321°, 72%, 85%
XYZ	36.8949, 20.7335, 36.7077
YIQ	119.2720, 60.2340, 64.7940

# Conversions

## Conversions Part 2

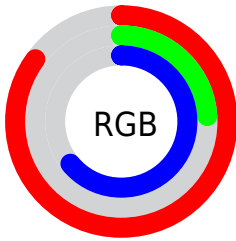
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 61, 163
Decimal	14237091
CIE <sub>Lab</sub>	52.66, 68.80, -20.82
CIE <sub>LCh</sub>	53, 71.885, 343.161
Yxy	20.7335, 0.3911, 0.2198
Android (android.graphics.Color)	4292427171 (0xFFD93DA3)
YUV	119.2720, 21.5579, 85.7075
Hunter-Lab	45.5341, 64.9484, -15.9233

# Details

The Hex color **D93DA3** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **3DD973**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF79DA**, and **9E006F** is the 20% darker color. If you saturate the color by 10%, you get **D9279B**, and if you desaturate by 10%, it is **D953AB**.

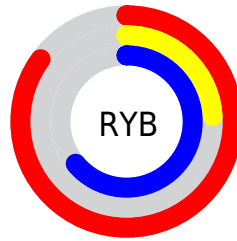
# Distribution



Red (85%)

Green (24%)

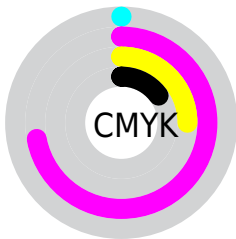
Blue (64%)



Red (85%)

Yellow (24%)

Blue (64%)

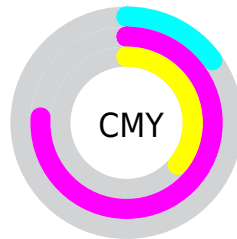


Cyan (0%)

Magenta (72%)

Yellow (25%)

Black (15%)



Cyan (15%)

Magenta (76%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D93DA3 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 D93DA3 by changing the saturation by 10% instead.



 D93DA3

 D93DA3

FFFFFF

 BB1589

 FF79DA

 9E006F

 FF96F7

 810057

 FFB3FF

 64003F

 FFD0FF

 490029

 FFE0FF

 2D0013

 000000

 D93DA3

 D93DA3

 D9279B

 D953AB

 D91294

 D968B2

 D9008E

 D97EBA

 D994C1

 D9AAC9

 D9BFD0

 D9D5D8

 D9EBDF

 D9FFE7

# Harmonies

## Analogous

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



A15FD9



D93DA3



E93465

# Triad

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



D93DA3



7F8300



0097D1

# Complementary

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



D93DA3



3DD973

# 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.



009998



D93DA3



329010

# Square

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



D93DA3



B46E00



009757



008EF5

# Rectangle

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



D93DA3



E2453E



009757



0098C0



# Sweetspot

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



D93DA3



FFC7EC



713DD9



805E74



000000



808080



# Same Dimension

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



D93DA3



FF24B3



D93D57



6E636A



AD0071



2E001E



# Inverse Universe

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



D93DA3



FF24B3



3DD9BF



6E636A



AD0071



2E001E



# Previews

## White Background



This preview shows how the Hex color D93DA3 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

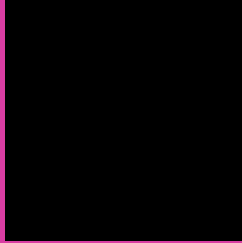
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D93DA3 Background



This preview shows how black text looks on a background with the Hex color D93DA3.

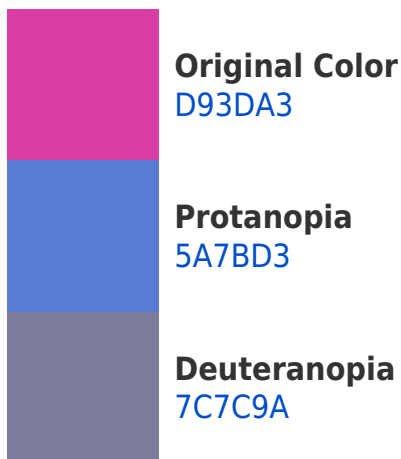


This preview shows how white text looks on a background with the Hex color D93DA3.

# 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**  
D35358

# Trichromacy



**Original Color**  
D93DA3



**Protanomaly**  
8864C2



**Deuteranomaly**  
9E659D

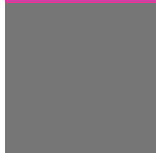


**Tritanomaly**  
D54B73

# Monochromacy



**Original Color**  
D93DA3



**Achromatopsia**  
777777



**Achromatomaly**  
9B6287

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D93DA3 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 #D93DA3 looks like.

```
.text, #text, p{  
    color:#D93DA3  
}
```

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 #D93DA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D93DA3
}
```

## Border

The CSS property to change the border of an element to Hex D93DA3 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
#D93DA3 }
```

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

```
.border{ border-color:#D93DA3 }
```

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

Here you see how a box with a 4 pixel #D93DA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D93DA3; -webkit-box-shadow:4px 4px  
4px 4px #D93DA3; box-shadow:4px 4px 4px  
4px #D93DA3 }
```

# Background

The CSS property to change the background color of an element to Hex D93DA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D93DA3 }
```

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

```
.background{ background-color:#D93DA3 }
```

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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