

# Converting Colors

Hex(DC94B0)

Have a look what the booklet for  
Hex(DC94B0) contains.

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# **Color**

**Hex(DC94B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC94B0
RGB	220, 148, 176
RGB Percent	86%, 58%, 69%
CMY	0.1373, 0.4196, 0.3098
CMYK	0.00, 0.33, 0.20, 0.14
HSL	337°, 51%, 72%
HSV	337°, 33%, 86%
XYZ	47.9416, 39.5300, 46.1776
YIQ	172.7200, 33.9240, 23.9720

# Conversions

## Conversions Part 2

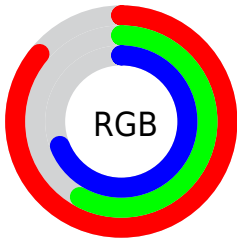
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	220, 148, 176
Decimal	14455984
CIE Lab	69.13, 31.06, -3.48
CIE LCh	69, 31.250, 353.603
Yxy	39.5300, 0.3587, 0.2958
Android (android.graphics.Color)	4292646064 (0xFFDC94B0)
YUV	172.7200, 1.6170, 41.4646
Hunter-Lab	62.8729, 26.0814, 0.4650

# Details

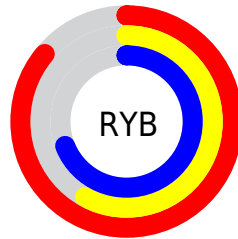
The Hex color **DC94B0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **94DCC0**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFCBE8**, and **A4607C** is the 20% darker color. If you saturate the color by 10%, you get **DC7EA3**, and if you desaturate by 10%, it is **DCAABD**.

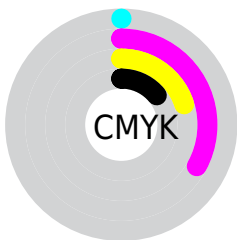
# Distribution



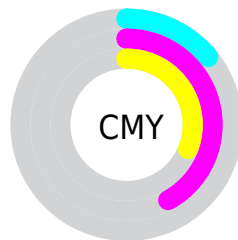
- Red (86%)
- Green (58%)
- Blue (69%)



- Red (86%)
- Yellow (58%)
- Blue (69%)



- Cyan (0%)
- Magenta (33%)
- Yellow (20%)
- Black (14%)



- Cyan (14%)
- Magenta (42%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC94B0 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 DC94B0 by changing the saturation by 10% instead.



 DC94B0

 DC94B0

FFFFFF

 C07A95

 FFCBE8

 A4607C

 FFE7FF

 884763

 6E2F4B

 541734

 3B001F

 280006

 000000

 DC94B0

 DC94B0

 DC7EA3

 DCAABD

 DC6895

 DCC0CB

 DC5288

 DCD6D8

 DC3C7A

 DCECE6

 DC266D

 DCFFF3

 DC105F

 DCFFFF

 DC0056

# Harmonies

## Analogous

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



C79ACB



DC94B0



E19593

# Triad

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



DC94B0



A5AE74



54B4D5

# Complementary

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



DC94B0



94DCC0

# 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.



4CB8BE



DC94B0



85B486

# Square

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



DC94B0



C2A571



64B8A1



7AADE0

# Rectangle

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



DC94B0



DC9983



64B8A1



4DB6CF



# Sweetspot

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



DC94B0



FFE6EF



BF94DC



807076



000000



808080



# Same Dimension

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



DC94B0



FF9CC2



DC9B94



6E6367



AD0043



2E0012



# Inverse Universe

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



DC94B0



FF9CC2



94D5DC



6E6367



AD0043

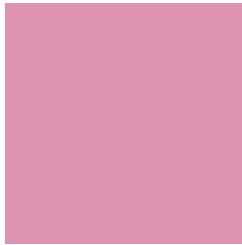


2E0012



# Previews

## White Background



This preview shows how the Hex color DC94B0 looks on a white background.

## Color Contrast Check

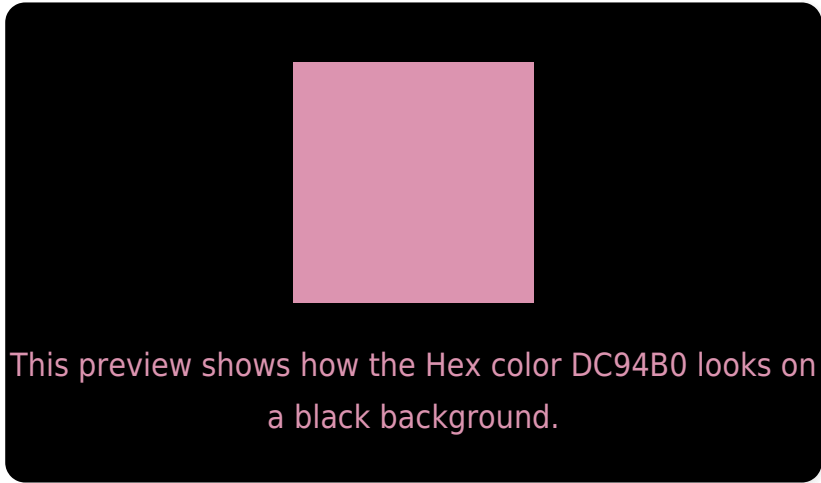
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 DC94B0 Background



This preview shows how black text looks on a background with the Hex color DC94B0.

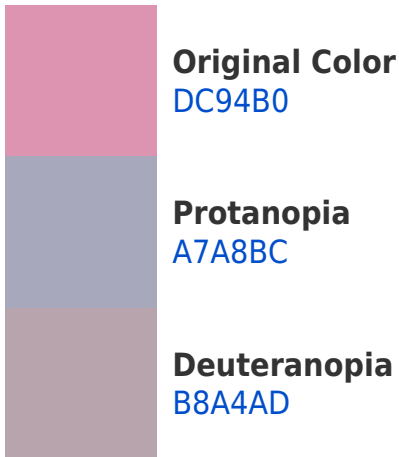



This preview shows how white text looks on a background with the Hex color DC94B0.

# 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**  
DA96A2

# Trichromacy



**Original Color**  
DC94B0



**Protanomaly**  
BAA1B8



**Deuteranomaly**  
C59EAE



**Tritanomaly**  
DB95A7

# Monochromacy



**Original Color**  
DC94B0



**Achromatopsia**  
ADADAD



**Achromatomaly**  
BEA4AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC94B0 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 #DC94B0 looks like.

```
.text, #text, p{  
    color:#DC94B0  
}
```

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 #DC94B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC94B0
}
```

## Border

The CSS property to change the border of an element to Hex DC94B0 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
#DC94B0 }
```

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

```
.border{ border-color:#DC94B0 }
```

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

Here you see how a box with a 4 pixel #DC94B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC94B0; -webkit-box-shadow:4px 4px  
4px 4px #DC94B0; box-shadow:4px 4px 4px  
4px #DC94B0 }
```

# Background

The CSS property to change the background color of an element to Hex DC94B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC94B0 }
```

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

```
.background{ background-color:#DC94B0 }
```

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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