

# Converting Colors

Hex(D94CB7)

Have a look what the booklet for  
Hex(D94CB7) contains.

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# Color

Hex(D94CB7)

# Conversions

## Conversions Part 1

Format	Color
Hex	D94CB7
RGB	217, 76, 183
RGB Percent	85%, 30%, 72%
CMY	0.1490, 0.7020, 0.2824
CMYK	0.00, 0.65, 0.16, 0.15
HSL	314°, 65%, 57%
HSV	314°, 65%, 85%
XYZ	39.7470, 23.3395, 47.2098
YIQ	130.3570, 49.6890, 63.1690

# Conversions

## Conversions Part 2

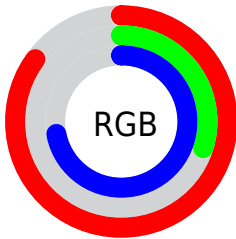
Format	Color
R <sub>Y</sub> B	217, 76, 183
Decimal	14240951
CIE Lab	55.42, 66.06, -28.24
CIE LCh	55, 71.838, 336.855
Yxy	23.3395, 0.3604, 0.2116
Android (android.graphics.Color)	4292431031 (0xFFD94CB7)
YUV	130.3570, 25.9530, 75.9859
Hunter-Lab	48.3110, 62.3134, -24.1209

# Details

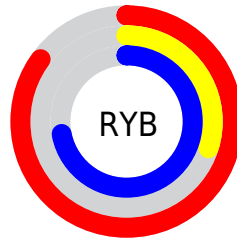
The Hex color **D94CB7** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **4CD96E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF86EF**, and **9F0082** is the 20% darker color. If you saturate the color by 10%, you get **D936B2**, and if you desaturate by 10%, it is **D962BC**.

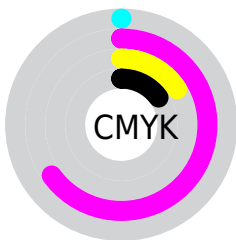
# Distribution



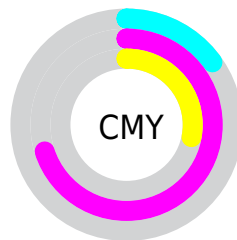
- Red (85%)
- Green (30%)
- Blue (72%)



- Red (85%)
- Yellow (30%)
- Blue (72%)



- Cyan (0%)
- Magenta (65%)
- Yellow (16%)
- Black (15%)



- Cyan (15%)
- Magenta (70%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D94CB7 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 D94CB7 by changing the saturation by 10% instead.



 D94CB7

 D94CB7

FFFFFF

 BC2C9C

 FF86EF

 9F0082

 FFA2FF

 820068

 FFBFFF

 660050

 FFDCFF

 4B0039

 FFFAFF

 310023

 050008

 000000

 D94CB7

 D94CB7

 D936B2

 D962BC

 D921AD

 D977C1

 D90BA7

 D98DC7

 D900A5

 D9A3CC

 D9B9D1

 D9CED6

 D9E4DC

 D9FAE1

 D9FFE6

# Harmonies

## Analogous

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



966DE9



D94CB7



F13C79

# Triad

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



D94CB7



938700



009FCE

# Complementary

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



D94CB7



4CD96E

# 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.



00A092



D94CB7



509503

# Square

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



D94CB7



C66F00



009D51



0098F8

# Rectangle

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



D94CB7



EE4751



009D51



00A0BC



# Sweetspot

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



D94CB7



FFCFF3



6D4CD9



806278



000000



808080



# Same Dimension

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



D94CB7



FF38CF



D94C72



6E636B



AD0084



2E0023



# Inverse Universe

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



D94CB7



FF38CF



4CD9B3



6E636B



AD0084

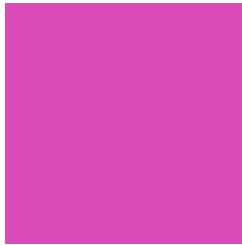


2E0023



# Previews

## White Background



This preview shows how the Hex color D94CB7 looks on a white background.

## Color Contrast Check

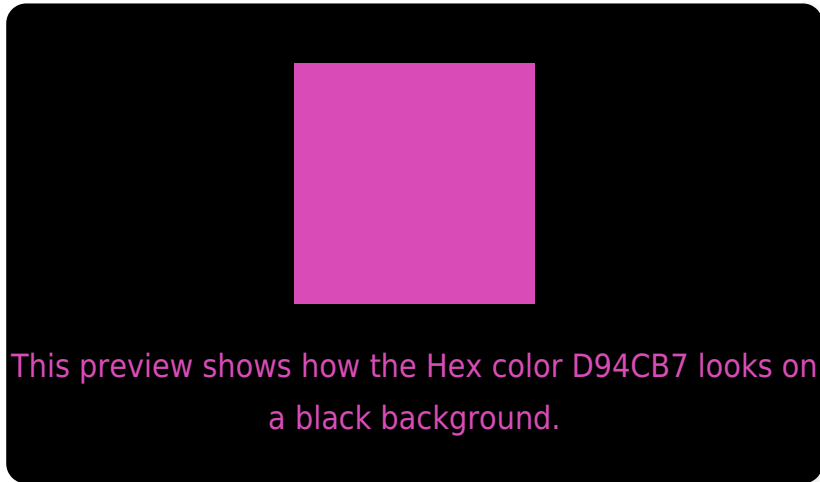
Large Text (above 18pt) WCAG AA ✓ Pass

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

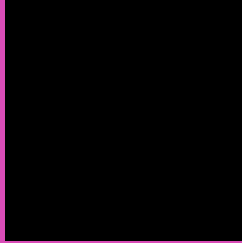
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D94CB7 Background



This preview shows how black text looks on a background with the Hex color D94CB7.

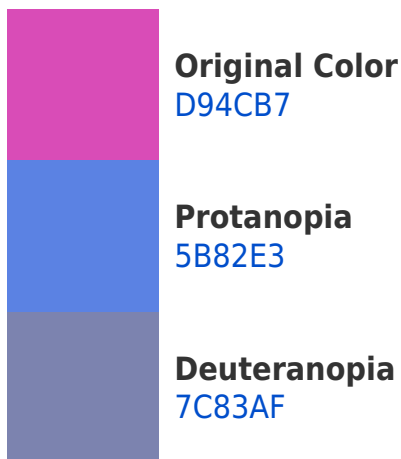



This preview shows how white text looks on a background with the Hex color D94CB7.

# 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



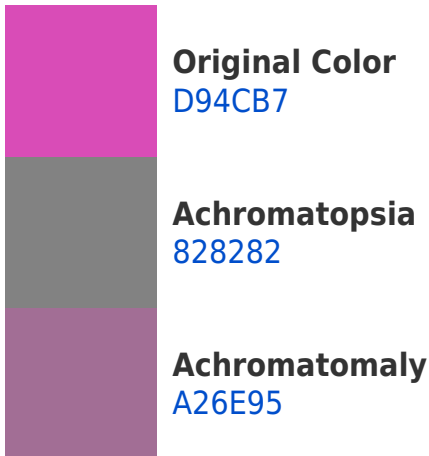


**Tritanopia**  
D16268

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D94CB7 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 #D94CB7 looks like.

```
.text, #text, p{  
    color:#D94CB7  
}
```

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 #D94CB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D94CB7
}
```

## Border

The CSS property to change the border of an element to Hex D94CB7 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
#D94CB7 }
```

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

```
.border{ border-color:#D94CB7 }
```

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

Here you see how a box with a 4 pixel #D94CB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D94CB7; -webkit-box-shadow:4px 4px  
4px 4px #D94CB7; box-shadow:4px 4px 4px  
4px #D94CB7 }
```

# Background

The CSS property to change the background color of an element to Hex D94CB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D94CB7 }
```

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

```
.background{ background-color:#D94CB7 }
```

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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