

# Converting Colors

Hex(D94698)

Have a look what the booklet for  
Hex(D94698) contains.

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# Color

**Hex(D94698)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D94698
RGB	217, 70, 152
RGB Percent	85%, 27%, 60%
CMY	0.1490, 0.7255, 0.4039
CMYK	0.00, 0.68, 0.30, 0.15
HSL	327°, 66%, 56%
HSV	327°, 68%, 85%
XYZ	36.4729, 21.3990, 31.9139
YIQ	123.3010, 61.2900, 56.6660

# Conversions

## Conversions Part 2

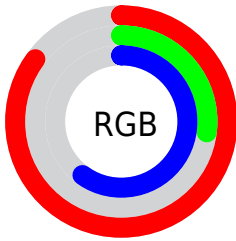
Format	Color
<a href="#">RYB</a>	<a href="#">217, 70, 152</a>
Decimal	<a href="#">14239384</a>
CIELab	<a href="#">53.38, 64.27, -13.23</a>
CIElCh	<a href="#">53, 65.621, 348.372</a>
Yxy	<a href="#">21.3990, 0.4062, 0.2383</a>
Android (android.graphics.Color)	<a href="#">4292429464</a> ( <a href="#">0xFFD94698</a> )
YUV	<a href="#">123.3010, 14.1486, 82.1740</a>
Hunter-Lab	<a href="#">46.2591, 59.7847, -8.5224</a>

# Details

The Hex color **D94698** 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 **46D987**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF80CE**, and **9E0065** is the 20% darker color. If you saturate the color by 10%, you get **D9308E**, and if you desaturate by 10%, it is **D95CA2**.

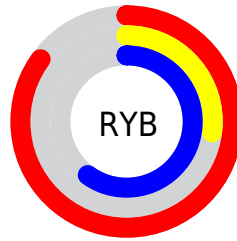
# Distribution



Red (85%)

Green (27%)

Blue (60%)



Red (85%)

Yellow (27%)

Blue (60%)

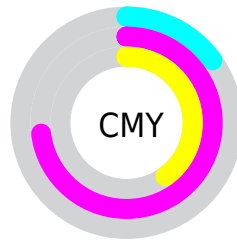


Cyan (0%)

Magenta (68%)

Yellow (30%)

Black (15%)



Cyan (15%)

Magenta (73%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D94698 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 D94698 by changing the saturation by 10% instead.



 D94698

 D94698

FFFFFF

 BB257E

 FF80CE

 9E0065

 FF9CEB

 81004D

 FFB9FF

 650036

 FFD6FF

 490021

 FFF4FF

 2E0006

 000000

 D94698

 D94698

 D9308E

 D95CA2

 D91B85

 D971AB

 D9057B

 D987B5

 D90079

 D99DBE

 D9B3C8

 D9C8D2

 D9DEDB

 D9F4E5

 D9FFEE

# Harmonies

## Analogous

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



AD5FCB



D94698



E3455F

# Triad

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



D94698



798700



0096D3

# Complementary

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



D94698



46D987

# 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.



0099A2



D94698



2D922D

# Square

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



D94698



AC7500



009867



008DEF

# Rectangle

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



D94698



DA533C



009867



0098C5



# Sweetspot

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



D94698



FFCCE8



8646D9



806172



000000



808080



# Same Dimension

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



D94698



FF30A4



D94650



6E6369



AD0061



2E001A



# Inverse Universe

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



D94698



FF30A4



46D9CF



6E6369



AD0061



2E001A



# Previews

## White Background



This preview shows how the Hex color D94698 looks on a white background.

## Color Contrast Check

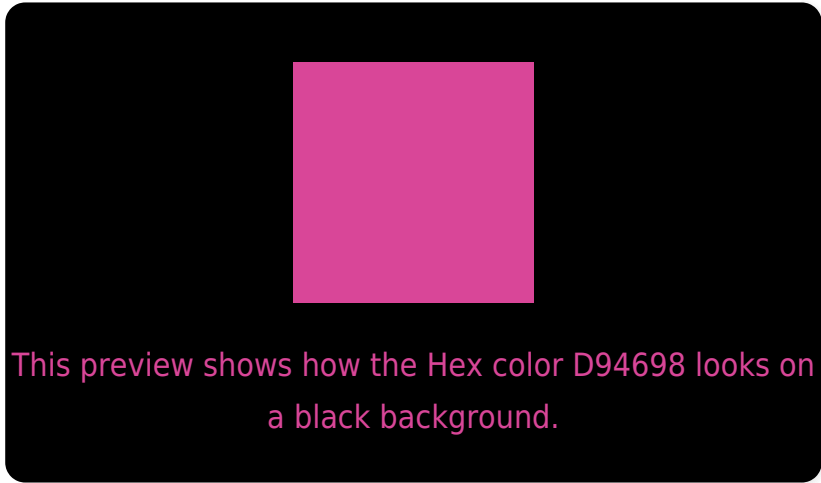
Large Text (above 18pt) WCAG AA ✓ Pass

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

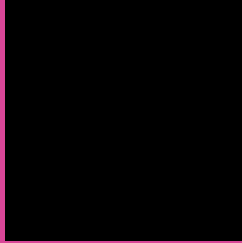
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D94698 Background



This preview shows how black text looks on a background with the Hex color D94698.



This preview shows how white text looks on a background with the Hex color D94698.

# 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**  
D4565B

# Trichromacy



**Original Color**  
D94698



**Protanomaly**  
926AB1



**Deuteranomaly**  
A46993



**Tritanomaly**  
D65071

# Monochromacy



**Original Color**  
D94698



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
9D6886

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D94698 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 #D94698 looks like.

```
.text, #text, p{  
    color:#D94698  
}
```

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 #D94698 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D94698
}
```

## Border

The CSS property to change the border of an element to Hex D94698 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
#D94698 }
```

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

```
.border{ border-color:#D94698 }
```

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

Here you see how a box with a 4 pixel #D94698 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D94698; -webkit-box-shadow:4px 4px  
4px 4px #D94698; box-shadow:4px 4px 4px  
4px #D94698 }
```

# Background

The CSS property to change the background color of an element to Hex D94698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D94698 }
```

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

```
.background{ background-color:#D94698 }
```

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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