

# Converting Colors

Hex(DA809D)

Have a look what the booklet for  
Hex(DA809D) contains.

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# **Color**

**Hex(DA809D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA809D
RGB	218, 128, 157
RGB Percent	85%, 50%, 62%
CMY	0.1451, 0.4980, 0.3843
CMYK	0.00, 0.41, 0.28, 0.15
HSL	341°, 55%, 68%
HSV	341°, 41%, 85%
XYZ	42.7184, 32.7781, 35.9736
YIQ	158.2160, 44.3310, 28.0990

# Conversions

## Conversions Part 2

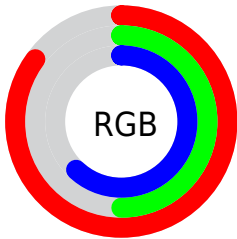
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 128, 157
Decimal	14319773
CIE Lab	63.98, 38.25, -0.36
CIE LCh	64, 38.254, 359.454
Yxy	32.7781, 0.3832, 0.2941
Android (android.graphics.Color)	4292509853 (0xFFDA809D)
YUV	158.2160, -0.5995, 52.4306
Hunter-Lab	57.2522, 32.9956, 2.8225

# Details

The Hex color **DA809D** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **80DABD**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB6D3**, and **A14C6A** is the 20% darker color. If you saturate the color by 10%, you get **DA6A8E**, and if you desaturate by 10%, it is **DA96AC**.

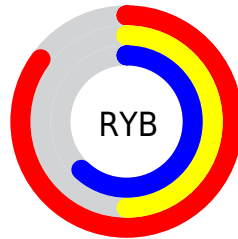
# Distribution



Red (85%)

Green (50%)

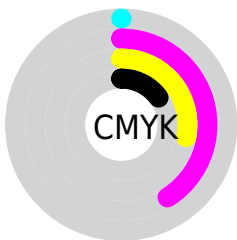
Blue (62%)



Red (85%)

Yellow (50%)

Blue (62%)

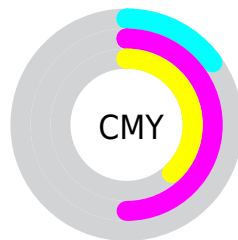


Cyan (0%)

Magenta (41%)

Yellow (28%)

Black (15%)



Cyan (15%)

Magenta (50%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA809D 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 DA809D by changing the saturation by 10% instead.



 DA809D

 DA809D

FFFFFF

 BD6683

 FFB6D3

 A14C6A

 FFD2F0

 853352

 FFEFFF

 6A193B

 500025

 370010

 190001

 000000

 DA809D

 DA809D

 DA6A8E

 DA96AC

 DA547F

 DAACBB

 DA3F71

 DAC1C9

 DA2962

 DAD7D8

 DA1353

 DAEDE7

 DA0046

 DAFFF6

 DAFFFF

# Harmonies

## Analogous

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



C586BE



DA809D



DC837B

# Triad

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



DA809D



8EA35E



12A8D5

# Complementary

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



DA809D



80DABD

# 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.



00ACBB



DA809D



65AA77

# Square

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



DA809D



B19956



30AD99



669FDF

# Rectangle

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



DA809D



D38969



30AD99



00AACE



# Sweetspot

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



DA809D



FFE0EA



BC80DA



806E73



000000



808080



# Same Dimension

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



DA809D



FF80A9



DA8F80



6E6366



AD0038



2E000F



# Inverse Universe

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



DA809D



FF80A9



80CBDA



6E6366



AD0038

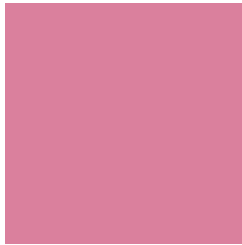


2E000F



# Previews

## White Background



This preview shows how the Hex color DA809D looks on a white background.

## Color Contrast Check

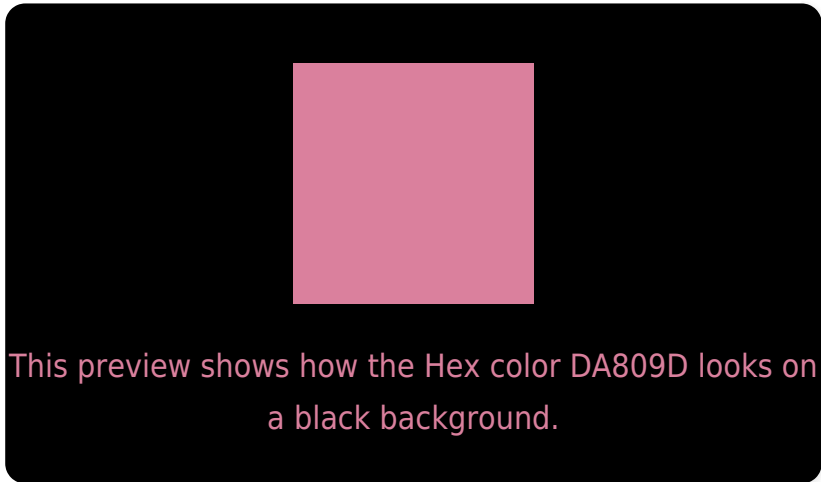
Large Text (above 18pt) WCAG AA × Fail

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 DA809D Background



This preview shows how black text looks on a background with the Hex color DA809D.

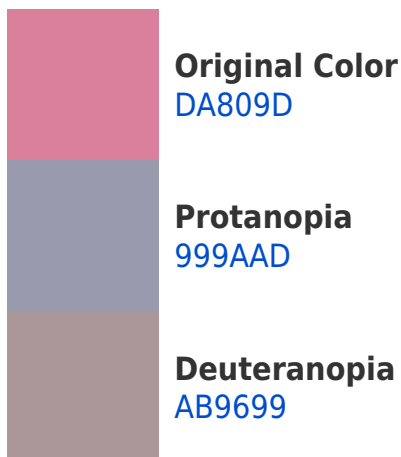



This preview shows how white text looks on a background with the Hex color DA809D.

# 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**  
D8838D

# Trichromacy



**Original Color**  
DA809D



**Protanomaly**  
B191A7



**Deuteranomaly**  
BC8E9A

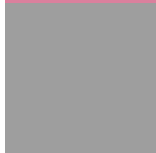


**Tritanomaly**  
D98293

# Monochromacy



**Original Color**  
DA809D



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
B4939E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA809D 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 #DA809D looks like.

```
.text, #text, p{  
    color:#DA809D  
}
```

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 #DA809D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA809D
}
```

## Border

The CSS property to change the border of an element to Hex DA809D 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
#DA809D }
```

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

```
.border{ border-color:#DA809D }
```

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

Here you see how a box with a 4 pixel #DA809D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA809D; -webkit-box-shadow:4px 4px  
4px 4px #DA809D; box-shadow:4px 4px 4px  
4px #DA809D }
```

# Background

The CSS property to change the background color of an element to Hex DA809D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA809D }
```

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

```
.background{ background-color:#DA809D }
```

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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