

# Converting Colors

Hex(DCA2C3)

Have a look what the booklet for  
Hex(DCA2C3) contains.

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# **Color**

**Hex(DCA2C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCA2C3
RGB	220, 162, 195
RGB Percent	86%, 64%, 76%
CMY	0.1373, 0.3647, 0.2353
CMYK	0.00, 0.26, 0.11, 0.14
HSL	326°, 45%, 75%
HSV	326°, 26%, 86%
XYZ	52.2859, 44.9964, 57.5592
YIQ	183.1040, 23.9750, 22.5590

# Conversions

## Conversions Part 2

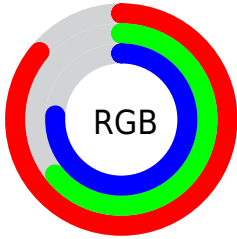
Format	Color
<a href="#">RYB</a>	<a href="#">220, 162, 195</a>
Decimal	<a href="#">14459587</a>
CIELab	<a href="#">72.89, 26.54, -8.46</a>
CIELCh	<a href="#">73, 27.857, 342.328</a>
Yxy	<a href="#">44.9964, 0.3377, 0.2906</a>
Android (android.graphics.Color)	<a href="#">4292649667 (0xFFDCA2C3)</a>
YUV	<a href="#">183.1040, 5.8647, 32.3578</a>
Hunter-Lab	<a href="#">67.0794, 21.7451, -3.9197</a>

# Details

The Hex color **DCA2C3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A2DCBB**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFD9FC**, and **A46E8D** is the 20% darker color. If you saturate the color by 10%, you get **DC8CBA**, and if you desaturate by 10%, it is **DCB8CC**.

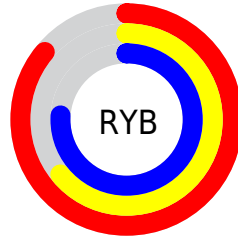
# Distribution



Red (86%)

Green (64%)

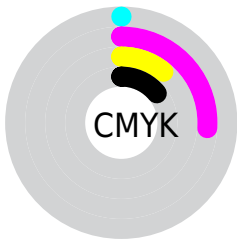
Blue (76%)



Red (86%)

Yellow (64%)

Blue (76%)

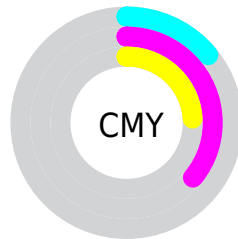


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (14%)



Cyan (14%)

Magenta (36%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCA2C3 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 DCA2C3 by changing the saturation by 10% instead.



 DCA2C3

 DCA2C3

FFFFFF

 C087A8

 FFD9FC

 A46E8D

 FFF6FF

 895574

 6F3D5B

 562644

 3E0F2D

 280019

 000000

 DCA2C3

 DCA2C3

 DC8CBA

 DCB8CC

 DC76B0

 DCCED6

 DC60A7

 DCE4DF

 DC4A9D

 DCFAE9

 DC3494

 DCFFF2

 DC1E8A

 DCFFFC

 DC0881

 DCFFFF

 DC007D

# Harmonies

## Analogous

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



C4A9D9



DCA2C3



E6A0A9

# Triad

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



DCA2C3



BBB581



68BFD4

# Complementary

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



DCA2C3



A2DCBB

# 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.



6AC1BD



DCA2C3



9EBC8D

# Square

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



DCA2C3



D3AC83



81C0A3



7EBAE3

# Rectangle

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



DCA2C3



E5A299



81C0A3



66C0CD



# Sweetspot

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



DCA2C3



FFEBF6



BAA2DC



80737A



000000



808080



# Same Dimension

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



DCA2C3



FFADDC



DCA2A7



6E6369



AD0063



2E001A



# Inverse Universe

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



DCA2C3



FFADDC



A2DCD7



6E6369



AD0063

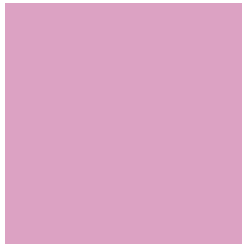


2E001A



# Previews

## White Background



This preview shows how the Hex color DCA2C3 looks on a white background.

## Color Contrast Check

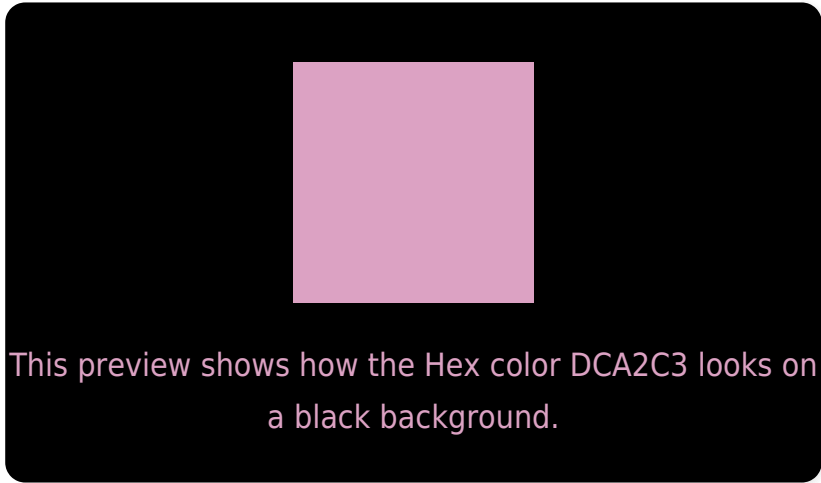
Large Text (above 18pt) WCAG AA × Fail

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

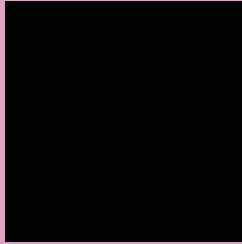
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DCA2C3 Background



This preview shows how black text looks on a background with the Hex color DCA2C3.

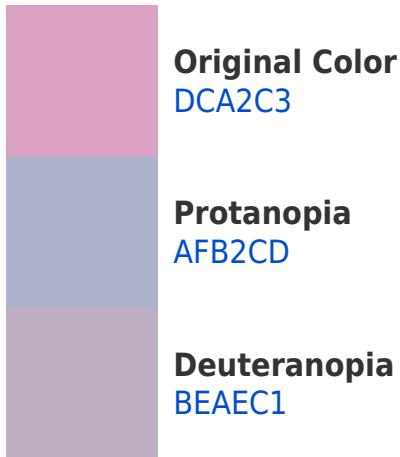


This preview shows how white text looks on a background with the Hex color DCA2C3.

# 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**  
DAA5B2

# Trichromacy



**Original Color**  
DCA2C3



**Protanomaly**  
BFACC9



**Deuteranomaly**  
C9AAC2



**Tritanomaly**  
DBA4B8

# Monochromacy



**Original Color**  
DCA2C3



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
C4AFBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCA2C3 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 #DCA2C3 looks like.

```
.text, #text, p{  
    color:#DCA2C3  
}
```

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 #DCA2C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCA2C3
}
```

## Border

The CSS property to change the border of an element to Hex DCA2C3 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
#DCA2C3 }
```

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

```
.border{ border-color:#DCA2C3 }
```

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

Here you see how a box with a 4 pixel #DCA2C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCA2C3; -webkit-box-shadow:4px 4px  
4px 4px #DCA2C3; box-shadow:4px 4px 4px  
4px #DCA2C3 }
```

# Background

The CSS property to change the background color of an element to Hex DCA2C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCA2C3 }
```

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

```
.background{ background-color:#DCA2C3 }
```

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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