

# Converting Colors

Hex(DCA4E7)

Have a look what the booklet for  
Hex(DCA4E7) contains.

<b>Hex(DCA4E7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(DCA4E7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DCA4E7
RGB	220, 164, 231
RGB Percent	86%, 64%, 91%
CMY	0.1373, 0.3569, 0.0941
CMYK	0.05, 0.29, 0.00, 0.09
HSL	290°, 58%, 77%
HSV	290°, 29%, 91%
XYZ	57.2145, 47.5361, 81.7612
YIQ	188.3820, 11.8690, 32.7090

# Conversions

## Conversions Part 2

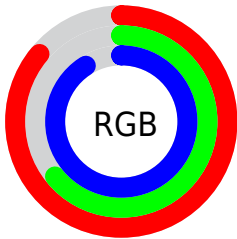
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 164, 231
Decimal	14460135
CIE Lab	74.53, 31.95, -25.70
CIE LCh	75, 41.004, 321.194
Yxy	47.5361, 0.3068, 0.2549
Android (android.graphics.Color)	4292650215 (0xFFDCA4E7)
YUV	188.3820, 21.0107, 27.7290
Hunter-Lab	68.9464, 27.4701, -22.0475

# Details

The Hex color **DCA4E7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AFE7A4**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFDBFF**, and **A46FAF** is the 20% darker color. If you saturate the color by 10%, you get **D88DE7**, and if you desaturate by 10%, it is **E0BBE7**.

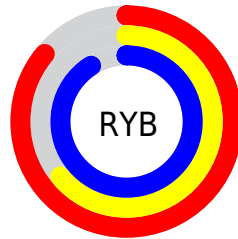
# Distribution



Red (86%)

Green (64%)

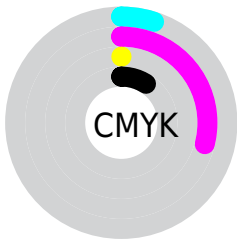
Blue (91%)



Red (86%)

Yellow (64%)

Blue (91%)

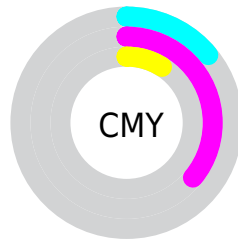


Cyan (5%)

Magenta (29%)

Yellow (0%)

Black (9%)



Cyan (14%)

Magenta (36%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCA4E7 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 DCA4E7 by changing the saturation by 10% instead.



 DCA4E7

 DCA4E7

FFFFFF

 C089CB

 FFDBFF

 A46FAF

 FFF8FF

 895694

 6F3E7A

 562761

 3D0F49

 270033

 03001D

 000000

 DCA4E7

 DCA4E7

 D88DE7

 E0BBE7

 D476E7

 E4D2E7

 D15FE7

 E7E9E7

 CD48E7

 EBFFE7

 C931E7

 EFFE7

 C519E7

 F3FFE7

 C102E7

 F7FFE7

 C100E7

 FAFFE7

 FEFFE7

# Harmonies

## Analogous

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



ABB2FE



DCA4E7



F99BC4

# Triad

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



DCA4E7



DAB16D



10CBD1

# Complementary

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



DCA4E7



AFE7A4

# 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.



57CBAB



DCA4E7



B5BD70

# Square

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



DCA4E7



F5A47E



89C687



1CC7F1

# Rectangle

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



DCA4E7



FF9AAA



89C687



2DCCC5



# Sweetspot

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



DCA4E7



FBE8FF



A4AFE7



7D7180



000000



808080



# Same Dimension

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



DCA4E7



F0A6FF



E7A4D1



716773



9500B3



2B0033



# Inverse Universe

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



E7A4AF



FFA6B4



A4E7BA



736769



B3001D

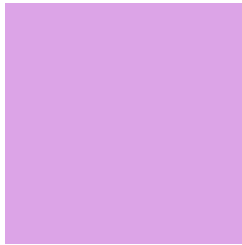


330008



# Previews

## White Background



This preview shows how the Hex color DCA4E7 looks on a white background.

## Color Contrast Check

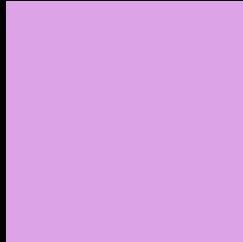
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color DCA4E7 looks on a 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 DCA4E7 Background



This preview shows how black text looks on a background with the Hex color DCA4E7.

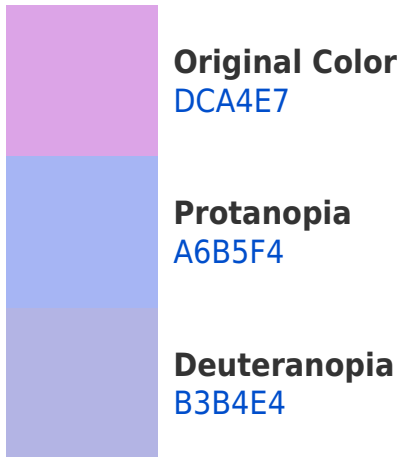



This preview shows how white text looks on a background with the Hex color DCA4E7.

# 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**  
D6ADBA

# Trichromacy



**Original Color**  
DCA4E7



**Protanomaly**  
BAAFEF



**Deuteranomaly**  
C2AEE5

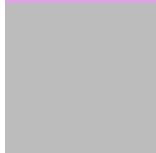


**Tritanomaly**  
D8AACA

# Monochromacy



**Original Color**  
DCA4E7



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
C8B3CC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCA4E7 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 #DCA4E7 looks like.

```
.text, #text, p{  
    color:#DCA4E7  
}
```

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 #DCA4E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCA4E7
}
```

## Border

The CSS property to change the border of an element to Hex DCA4E7 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
#DCA4E7 }
```

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

```
.border{ border-color:#DCA4E7 }
```

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

Here you see how a box with a 4 pixel #DCA4E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCA4E7; -webkit-box-shadow:4px 4px  
4px 4px #DCA4E7; box-shadow:4px 4px 4px  
4px #DCA4E7 }
```

# Background

The CSS property to change the background color of an element to Hex DCA4E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCA4E7 }
```

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

```
.background{ background-color:#DCA4E7 }
```

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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