

# Converting Colors

Hex(DCA9EF)

Have a look what the booklet for  
Hex(DCA9EF) contains.

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# Color

Hex(DCA9EF)

# Conversions

## Conversions Part 1

Format	Color
Hex	DCA9EF
RGB	220, 169, 239
RGB Percent	86%, 66%, 94%
CMY	0.1373, 0.3373, 0.0627
CMYK	0.08, 0.29, 0.00, 0.06
HSL	284°, 69%, 80%
HSV	284°, 29%, 94%
XYZ	59.2832, 49.8236, 88.1537
YIQ	192.2290, 7.9260, 32.5820

# Conversions

## Conversions Part 2

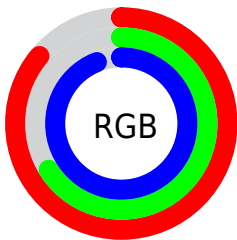
Format	Color
R <sub>YB</sub>	220, 169, 239
Decimal	14461423
CIE Lab	75.96, 30.82, -27.85
CIE LCh	76, 41.540, 317.896
Yxy	49.8236, 0.3005, 0.2526
Android (android.graphics.Color)	4292651503 (0xFFDCA9EF)
YUV	192.2290, 23.0581, 24.3552
Hunter-Lab	70.5858, 26.3922, -24.6364

# Details

The Hex color **DCA9EF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BCEFA9**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFE1FF**, and **A474B7** is the 20% darker color. If you saturate the color by 10%, you get **D691EF**, and if you desaturate by 10%, it is **E2C1EF**.

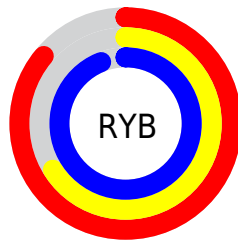
# Distribution



Red (86%)

Green (66%)

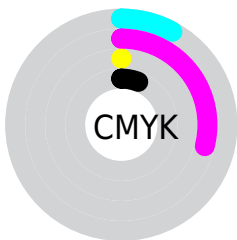
Blue (94%)



Red (86%)

Yellow (66%)

Blue (94%)

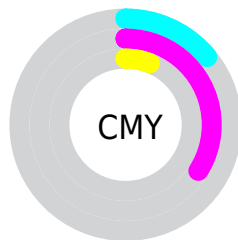


Cyan (8%)

Magenta (29%)

Yellow (0%)

Black (6%)



Cyan (14%)

Magenta (34%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCA9EF 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 DCA9EF by changing the saturation by 10% instead.



 DCA9EF

 DCA9EF

FFFFFF

 C08ED3

 FFE1FF

 A474B7

 FFFDFF

 895B9C

 6F4382

 562B68

 3D1450

 260039

 090023

 000009

 DCA9EF

 DCA9EF

 D691EF

 E2C1EF

 CF79EF

 E9D9EF

 C961EF

 EFF1EF

 C249EF

 F6FFEF

 BC31EF

 FCFFEF

 B51AEF

 FFFFEF

 AF02EF

 AE00EF

# Harmonies

## Analogous

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



A9B7FF



DCA9EF



FC9FCC

# Triad

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



DCA9EF



E2B470



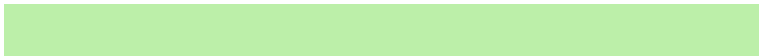
1ED0D1

# Complementary

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



DCA9EF



BCEFA9

# 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.



5FCFAA



DCA9EF



BDC071

# Square

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



DCA9EF



FCA684



92C986



13CCF3

# Rectangle

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



DCA9EF



FF9DB2



92C986



37D0C4



# Sweetspot

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



DCA9EF



F9E8FF



A9BDEF



7C7180



000000



808080



# Same Dimension

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



DCA9EF



E7A6FF



EFA9E0



756C78



8600B8



290038



# Inverse Universe

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



EFA9BC



FFA6BE



A9EFB8



786C6F



B80032



38000F



# Previews

## White Background



This preview shows how the Hex color DCA9EF looks on a white background.

## Color Contrast Check

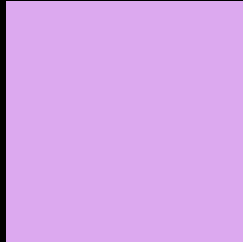
Large Text (above 18pt) WCAG AA × Fail

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 DCA9EF 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 DCA9EF Background



This preview shows how black text looks on a background with the Hex color DCA9EF.



This preview shows how white text looks on a background with the Hex color DCA9EF.

# 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](#).

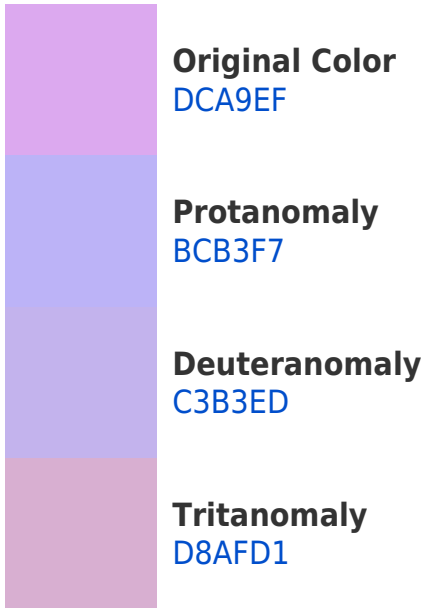
## Dichromacy



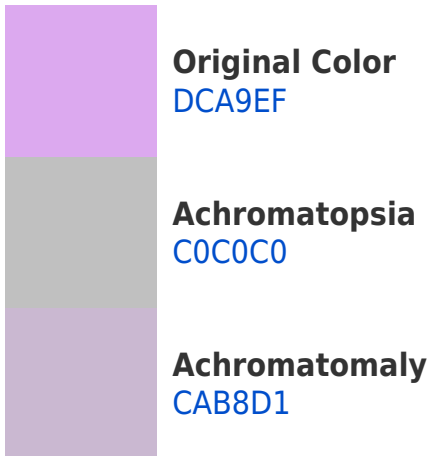


**Tritanopia**  
D5B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCA9EF 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 #DCA9EF looks like.

```
.text, #text, p{  
    color:#DCA9EF  
}
```

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 #DCA9EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCA9EF
}
```

## Border

The CSS property to change the border of an element to Hex DCA9EF 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
#DCA9EF }
```

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

```
.border{ border-color:#DCA9EF }
```

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

Here you see how a box with a 4 pixel #DCA9EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCA9EF; -webkit-box-shadow:4px 4px  
4px 4px #DCA9EF; box-shadow:4px 4px 4px  
4px #DCA9EF }
```

# Background

The CSS property to change the background color of an element to Hex DCA9EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCA9EF }
```

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

```
.background{ background-color:#DCA9EF }
```

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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