

# Converting Colors

Hex(DCA3E8)

Have a look what the booklet for  
Hex(DCA3E8) contains.

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**Color**

**Hex(DCA3E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCA3E8
RGB	220, 163, 232
RGB Percent	86%, 64%, 91%
CMY	0.1373, 0.3608, 0.0902
CMYK	0.05, 0.30, 0.00, 0.09
HSL	290°, 60%, 77%
HSV	290°, 30%, 91%
XYZ	57.1779, 47.2362, 82.4478
YIQ	187.9090, 11.8230, 33.5430

# Conversions

## Conversions Part 2

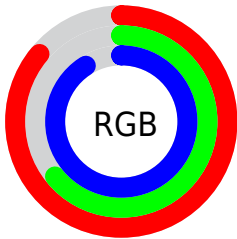
Format	Color
R <sub>Y</sub> B	220, 163, 232
Decimal	14459880
CIE Lab	74.34, 32.69, -26.53
CIE LCh	74, 42.100, 320.931
Yxy	47.2362, 0.3060, 0.2528
Android (android.graphics.Color)	4292649960 (0xFFDCA3E8)
YUV	187.9090, 21.7369, 28.1438
Hunter-Lab	68.7286, 28.2257, -23.0151

# Details

The Hex color **DCA3E8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AFE8A3**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFDAFF**, and **A46EB0** is the 20% darker color. If you saturate the color by 10%, you get **D88CE8**, and if you desaturate by 10%, it is **E0BAE8**.

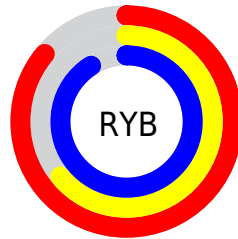
# Distribution



Red (86%)

Green (64%)

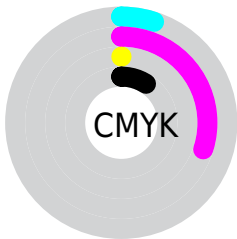
Blue (91%)



Red (86%)

Yellow (64%)

Blue (91%)

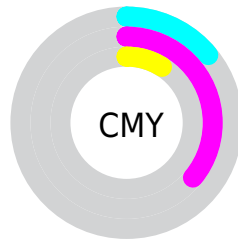


Cyan (5%)

Magenta (30%)

Yellow (0%)

Black (9%)



Cyan (14%)

Magenta (36%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCA3E8 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 DCA3E8 by changing the saturation by 10% instead.



 DCA3E8

FFFFFF

 FFDAFF

 FFF7FF

 DCA3E8

 C088CC

 A46EB0

 895595

 6F3D7B

 562662

 3D0D4A

 260033

 02001E

 000000

 DCA3E8

 DCA3E8

 D88CE8

 E0BAE8

 D475E8

 E4D1E8

 D05DE8

 E8E9E8

 CC46E8

 ECFE8

 C82FE8

 F0FFE8

 C418E8

 F4FFE8

 C001E8

 F8FFE8

 C000E8

 FCFFE8

 FFFE8

# Harmonies

## Analogous

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



AAB1FF



DCA3E8



FA99C4

# Triad

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



DCA3E8



DAB06A



00CBD1

# Complementary

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



DCA3E8



AFE8A3

# 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.



53CBA9



DCA3E8



B5BD6D

# Square

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



DCA3E8



F6A37C



88C685



00C7F2

# Rectangle

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



DCA3E8



FF98AA



88C685



21CBC4



# Sweetspot

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



DCA3E8



FBE8FF



A3B0E8



7D7180



000000



808080



# Same Dimension

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



DCA3E8



EFA3FF



E8A3D2



716773



9300B3



2A0033



# Inverse Universe

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



E8A3AF



FFA3B3



A3E8B9



736769



B3001F

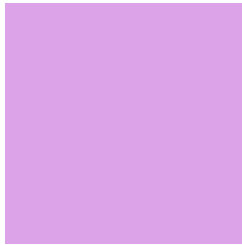


330009



# Previews

## White Background



This preview shows how the Hex color DCA3E8 looks on a white background.

## Color Contrast Check

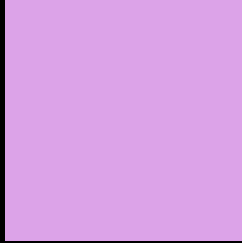
Large Text (above 18pt) WCAG AA × Fail

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 DCA3E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

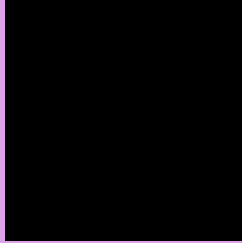
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DCA3E8 Background



This preview shows how black text looks on a background with the Hex color DCA3E8.

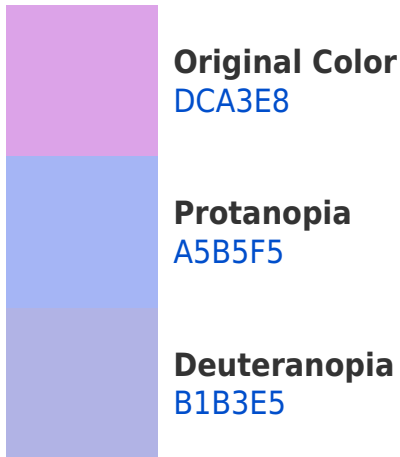


This preview shows how white text looks on a background with the Hex color DCA3E8.

# 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](#).

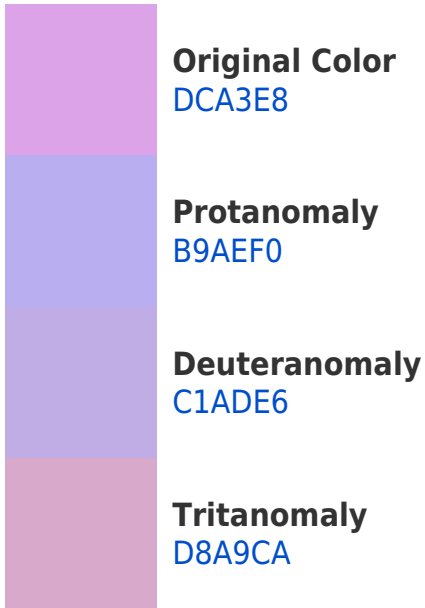
## Dichromacy



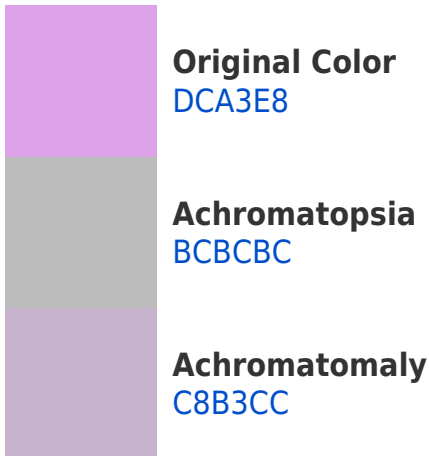


**Tritanopia**  
D5ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCA3E8 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 #DCA3E8 looks like.

```
.text, #text, p{  
    color:#DCA3E8  
}
```

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 #DCA3E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCA3E8
}
```

## Border

The CSS property to change the border of an element to Hex DCA3E8 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
#DCA3E8 }
```

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

```
.border{ border-color:#DCA3E8 }
```

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

Here you see how a box with a 4 pixel #DCA3E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCA3E8; -webkit-box-shadow:4px 4px  
4px 4px #DCA3E8; box-shadow:4px 4px 4px  
4px #DCA3E8 }
```

# Background

The CSS property to change the background color of an element to Hex DCA3E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCA3E8 }
```

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

```
.background{ background-color:#DCA3E8 }
```

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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