

# Converting Colors

Hex(DDACE3)

Have a look what the booklet for  
Hex(DDACE3) contains.

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# **Color**

**Hex(DDACE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDACE3
RGB	221, 172, 227
RGB Percent	87%, 67%, 89%
CMY	0.1333, 0.3255, 0.1098
CMYK	0.03, 0.24, 0.00, 0.11
HSL	293°, 50%, 78%
HSV	293°, 24%, 89%
XYZ	58.4364, 50.4233, 79.3258
YIQ	192.9210, 11.5490, 27.4930

# Conversions

## Conversions Part 2

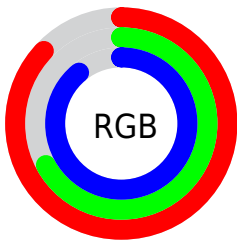
Format	Color
R <sub>Y</sub> B	221, 172, 227
Decimal	14527715
CIE Lab	76.33, 27.19, -20.78
CIE LCh	76, 34.221, 322.620
Yxy	50.4233, 0.3105, 0.2679
Android (android.graphics.Color)	4292717795 (0xFFDDACE3)
YUV	192.9210, 16.8009, 24.6253
Hunter-Lab	71.0093, 22.6285, -16.5274

# Details

The Hex color **DDACE3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B2E3AC**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFE4FF**, and **A577AC** is the 20% darker color. If you saturate the color by 10%, you get **DB95E3**, and if you desaturate by 10%, it is **DFC3E3**.

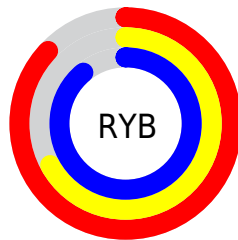
# Distribution



Red (87%)

Green (67%)

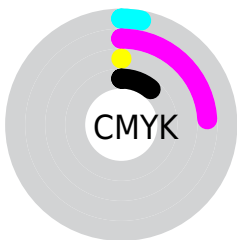
Blue (89%)



Red (87%)

Yellow (67%)

Blue (89%)

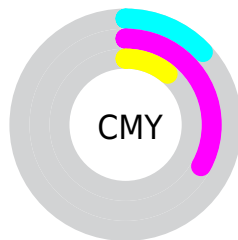


Cyan (3%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (33%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDACE3 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 DDACE3 by changing the saturation by 10% instead.



 DDACE3

 DDACE3

FFFFFF

 C191C7

 FFE4FF

 A577AC

 8B5E91

 714677

 572F5E

 3F1846

 280230

 0D001B

 000000

 DDACE3

 DDACE3

 DB95E3

 DFC3E3

 D87FE3

 E2D9E3

 D668E3

 E4F0E3

 D351E3

 E7FFE3

 D13BE3

 E9FFE3

 CE24E3

 ECFE3

 CC0DE3

 EEFFE3

 CA00E3

 F1FFE3

 F3FFE3

# Harmonies

## Analogous

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



B6B7F6



DDACE3



F5A5C5

# Triad

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



DDACE3



D9B87E



54CDD3

# Complementary

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



DDACE3



B2E3AC

# 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.



70CDB3



DDACE3



B9C281

# Square

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



DDACE3



F1AD8B



95C995



5CC9EE

# Rectangle

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



DDACE3



FBA5B0



95C995



5BCEC9



# Sweetspot

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



DDACE3



FDEDFD



ACB2E3



7E7580



000000



808080



# Same Dimension

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



DDACE3



F7B5FF



E3ACCE



716773



9F00B3



2D0033



# Inverse Universe

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



E3ACB2



FFB5BD



ACE3C1



736769



B30013



330006



# Previews

## White Background



This preview shows how the Hex color DDACE3 looks on a white background.

## Color Contrast Check

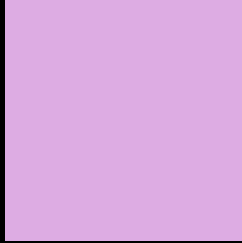
Large Text (above 18pt) WCAG AA × Fail

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 DDACE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

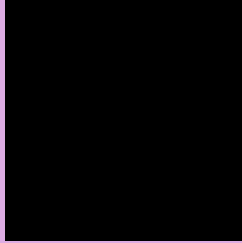
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DDACE3 Background



This preview shows how black text looks on a background with the Hex color DDACE3.

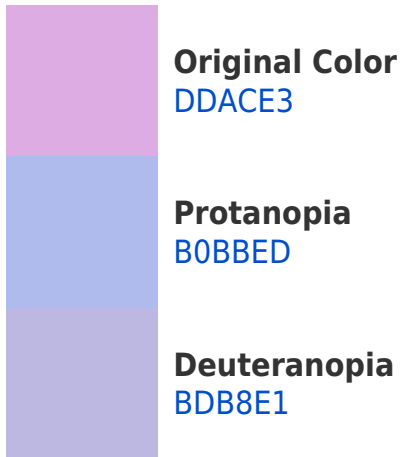


This preview shows how white text looks on a background with the Hex color DDACE3.

# 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**  
D8B2C0

# Trichromacy



**Original Color**  
DDACE3



**Protanomaly**  
C0B6E9



**Deuteranomaly**  
C9B4E2

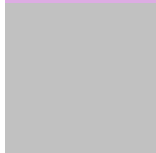


**Tritanomaly**  
DAB0CD

# Monochromacy



**Original Color**  
DDACE3



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
CBB9CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDACE3 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 #DDACE3 looks like.

```
.text, #text, p{  
    color:#DDACE3  
}
```

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 #DDACE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDACE3  
}
```

## Border

The CSS property to change the border of an element to Hex DDACE3 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  
#DDACE3 }
```

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

```
.border{ border-color:#DDACE3 }
```

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

Here you see how a box with a 4 pixel #DDACE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDACE3; -webkit-box-shadow:4px 4px  
4px 4px #DDACE3; box-shadow:4px 4px 4px  
4px #DDACE3 }
```

# Background

The CSS property to change the background color of an element to Hex DDACE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDACE3 }
```

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

```
.background{ background-color:#DDACE3 }
```

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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