

# Converting Colors

Hex(DA07E3)

Have a look what the booklet for  
Hex(DA07E3) contains.

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# Color

**Hex(DA07E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA07E3
RGB	218, 7, 227
RGB Percent	85%, 3%, 89%
CMY	0.1451, 0.9725, 0.1098
CMYK	0.04, 0.97, 0.00, 0.11
HSL	298°, 94%, 46%
HSV	298°, 97%, 89%
XYZ	42.8545, 20.6034, 74.3912
YIQ	95.1690, 55.1360, 113.1520

# Conversions

## Conversions Part 2

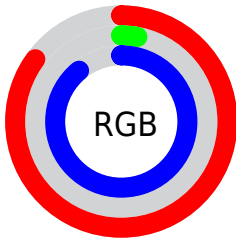
Format	Color
<a href="#">RYB</a>	<a href="#">218, 7, 227</a>
Decimal	<a href="#">14288867</a>
CIELab	<a href="#">52.51, 88.09, -58.03</a>
CIELCh	<a href="#">53, 105.484, 326.627</a>
Yxy	<a href="#">20.6034, 0.3109, 0.1495</a>
Android (android.graphics.Color)	<a href="#">4292478947 (0xFFDA07E3)</a>
YUV	<a href="#">95.1690, 64.9927, 107.7228</a>
Hunter-Lab	<a href="#">45.3910, 89.0911, -65.3965</a>

# Details

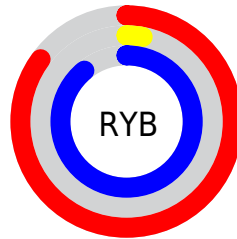
The Hex color **DA07E3** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **10E307**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF62FF**, and **9E00AB** is the 20% darker color. If you saturate the color by 10%, you get **DA00E3**, and if you desaturate by 10%, it is **DB1EE3**.

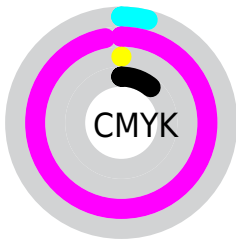
# Distribution



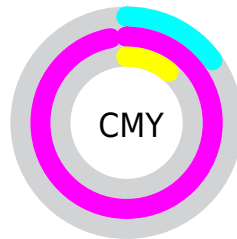
- Red (85%)
- Green (3%)
- Blue (89%)



- Red (85%)
- Yellow (3%)
- Blue (89%)



- Cyan (4%)
- Magenta (97%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (97%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA07E3 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 DA07E3 by changing the saturation by 10% instead.



 DA07E3

 DA07E3

FFFFFF

 BC00C6

 FF62FF

 9E00AB

 FF82FF

 80008F

 FFA0FF

 630075

 FFBFFF

 47005C

 FFDDFF

 290043

 FFFCFF

 00002C

 000116

 000000

■ DA07E3

■ DA07E3

■ DA00E3

■ DB1EE3

■ DC34E3

■ DD4BE3

■ DE62E3

■ DF79E3

■ E08FE3

■ E1A6E3

■ E1BDE3

■ E2D3E3

# Harmonies

## Analogous

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



2A6AFF



DA07E3



FF008C

# Triad

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



DA07E3



A17700



00A0CD

# Complementary

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



DA07E3



10E307

# 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.



009E70



DA07E3



458F00

# Square

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



DA07E3



E34600



009A00



009DFF

# Rectangle

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



DA07E3



FF0051



009A00



00A0AF



# Sweetspot

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



DA07E3



FCB5FF



0712E3



7E5380



000000



808080



# Same Dimension

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



DA07E3



F500FF



E30780



726773



AB00B3



310033



# Inverse Universe

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



E30710



FF000A



07E36A



736768



B30007



330002



# Previews

## White Background



This preview shows how the Hex color DA07E3 looks on a white background.

## Color Contrast Check

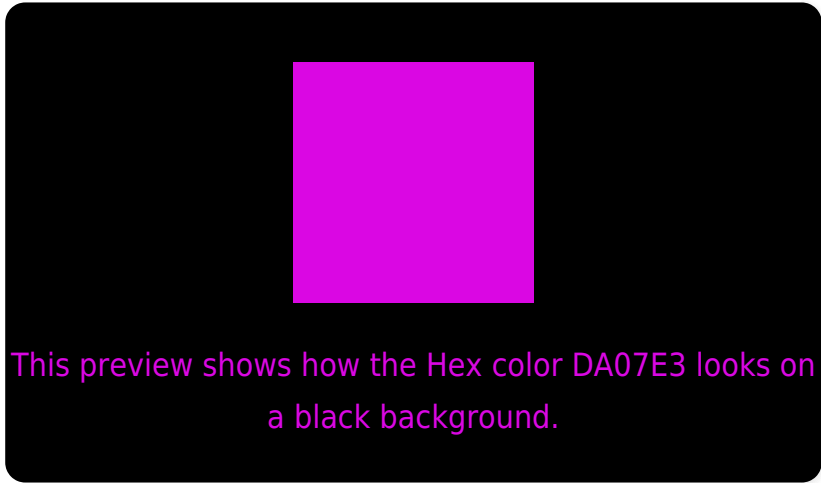
Large Text (above 18pt) WCAG AA ✓ Pass

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

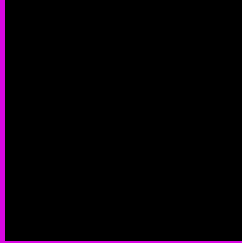
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DA07E3 Background



This preview shows how black text looks on a background with the Hex color DA07E3.

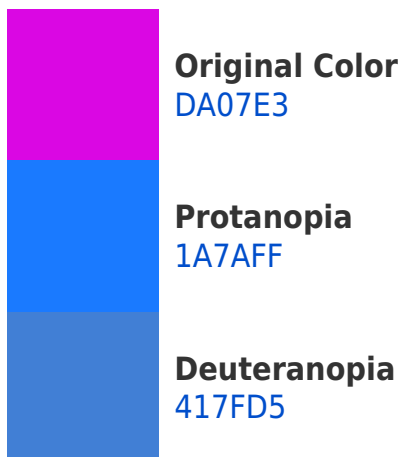


This preview shows how white text looks on a background with the Hex color DA07E3.

# 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





# Trichromacy



**Original Color**  
DA07E3



**Protanomaly**  
6050F5



**Deuteranomaly**  
7953DA



**Tritanomaly**  
D03B8F

# Monochromacy



**Original Color**  
DA07E3



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
8C3F8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA07E3 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 #DA07E3 looks like.

```
.text, #text, p{  
    color:#DA07E3  
}
```

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 #DA07E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA07E3
}
```

## Border

The CSS property to change the border of an element to Hex DA07E3 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
#DA07E3 }
```

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

```
.border{ border-color:#DA07E3 }
```

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

Here you see how a box with a 4 pixel #DA07E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA07E3; -webkit-box-shadow:4px 4px  
4px 4px #DA07E3; box-shadow:4px 4px 4px  
4px #DA07E3 }
```

# Background

The CSS property to change the background color of an element to Hex DA07E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA07E3 }
```

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

```
.background{ background-color:#DA07E3 }
```

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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