

# Converting Colors

Hex(DD7EE7)

Have a look what the booklet for  
Hex(DD7EE7) contains.

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# **Color**

**Hex(DD7EE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD7EE7
RGB	221, 126, 231
RGB Percent	87%, 49%, 91%
CMY	0.1333, 0.5059, 0.0941
CMYK	0.04, 0.45, 0.00, 0.09
HSL	294°, 69%, 70%
HSV	294°, 45%, 91%
XYZ	51.7035, 36.0634, 79.8372
YIQ	166.3750, 22.9150, 52.7950

# Conversions

## Conversions Part 2

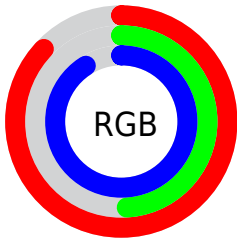
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	221, 126, 231
Decimal	14515943
CIE Lab	66.57, 52.26, -37.99
CIE LCh	67, 64.610, 323.987
Yxy	36.0634, 0.3085, 0.2152
Android (android.graphics.Color)	4292706023 (0xFFDD7EE7)
YUV	166.3750, 31.8601, 47.9061
Hunter-Lab	60.0528, 48.5901, -36.7861

# Details

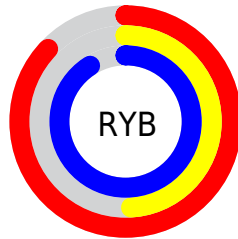
The Hex color **DD7EE7** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **88E77E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFB5FF**, and **A449AF** is the 20% darker color. If you saturate the color by 10%, you get **DB67E7**, and if you desaturate by 10%, it is **DF95E7**.

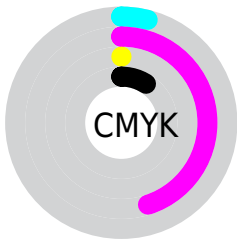
# Distribution



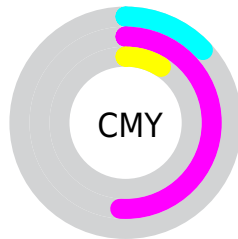
- Red (87%)
- Green (49%)
- Blue (91%)



- Red (87%)
- Yellow (49%)
- Blue (91%)



- Cyan (4%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (51%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD7EE7 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 DD7EE7 by changing the saturation by 10% instead.



 DD7EE7

 DD7EE7

FFFFFF

 C063CB

 FFB5FF

 A449AF

 FFD1FF

 882E94

 FFE0FF

 6D0D7A

 530061

 390048

 210031

 00011B

 000000

 DD7EE7

 DD7EE7

 DB67E7

 DF95E7

 D950E7

 E1ACE7

 D639E7

 E4C3E7

 D422E7

 E6DAE7

 D20AE7

 E8F2E7

 D100E7

 EAF FE7

 ECF FE7

 EFF FE7

 F1FF E7

# Harmonies

## Analogous

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



8D97FF



DD7EE7



FF6CB0

# Triad

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



DD7EE7



CA9B21



00BDCF

# Complementary

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



DD7EE7



88E77E

# 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.



00BD94



DD7EE7



92AD2C

# Square

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



DD7EE7



F48444



44B85A



00B8FF

# Rectangle

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



DD7EE7



FF6B89



44B85A



00BEBC



# Sweetspot

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



DD7EE7



FCDBFF



7E88E7



7D6A80



000000



808080



# Same Dimension

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



DD7EE7



F273FF



E77EBD



726773



A200B3



2E0033



# Inverse Universe

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



E77E88



FF7380



7EE7A8



736768



B30011

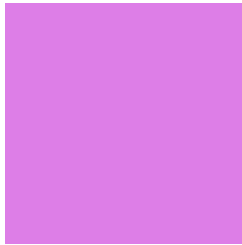


330005



# Previews

## White Background



This preview shows how the Hex color DD7EE7 looks on a white background.

## Color Contrast Check

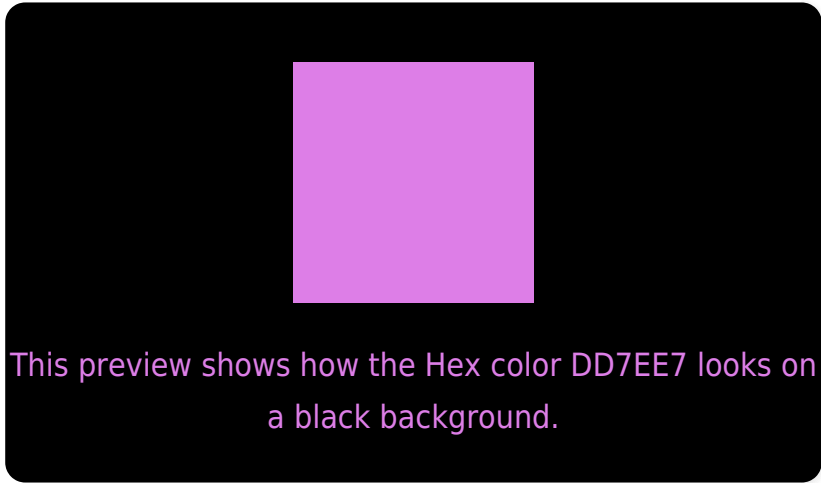
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

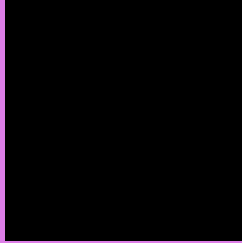
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DD7EE7 Background



This preview shows how black text looks on a background with the Hex color DD7EE7.

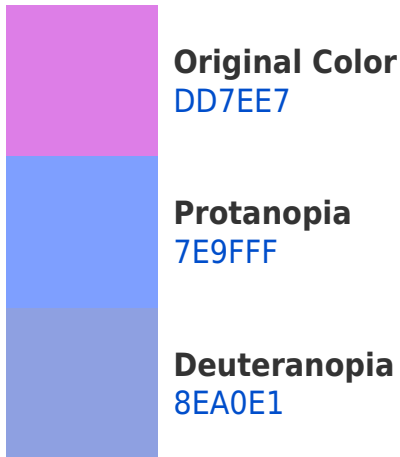


This preview shows how white text looks on a background with the Hex color DD7EE7.

# 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](#).

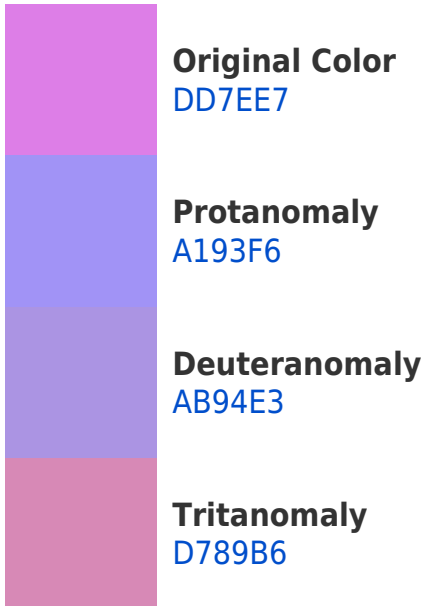
## Dichromacy



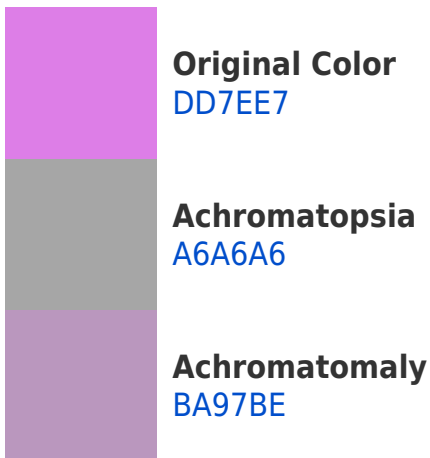


**Tritanopia**  
D3909A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD7EE7 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 #DD7EE7 looks like.

```
.text, #text, p{  
    color:#DD7EE7  
}
```

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 #DD7EE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD7EE7
}
```

## Border

The CSS property to change the border of an element to Hex DD7EE7 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
#DD7EE7 }
```

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

```
.border{ border-color:#DD7EE7 }
```

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

Here you see how a box with a 4 pixel #DD7EE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD7EE7; -webkit-box-shadow:4px 4px  
4px 4px #DD7EE7; box-shadow:4px 4px 4px  
4px #DD7EE7 }
```

# Background

The CSS property to change the background color of an element to Hex DD7EE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD7EE7 }
```

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

```
.background{ background-color:#DD7EE7 }
```

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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