

# Converting Colors

Hex(DD7EE2)

Have a look what the booklet for  
Hex(DD7EE2) contains.

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# Color

Hex(DD7EE2)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | DD7EE2                     |
| RGB         | 221, 126, 226              |
| RGB Percent | 87%, 49%, 89%              |
| CMY         | 0.1333, 0.5059, 0.1137     |
| CMYK        | 0.02, 0.44, 0.00, 0.11     |
| HSL         | 297°, 63%, 69%             |
| HSV         | 297°, 44%, 89%             |
| XYZ         | 51.0071, 35.7848, 76.1703  |
| YIQ         | 165.8050, 24.5200, 51.2400 |

# Conversions

## Conversions Part 2

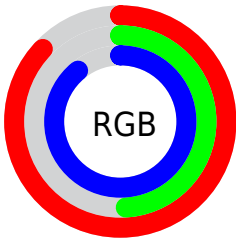
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 221, 126, 226                 |
| Decimal                             | 14515938                      |
| CIE <sub>Lab</sub>                  | 66.36, 51.34, -35.55          |
| CIE <sub>LCh</sub>                  | 66, 62.448, 325.298           |
| Yxy                                 | 35.7848, 0.3130,<br>0.2196    |
| Android<br>(android.graphics.Color) | 4292706018<br>(0xFFDD7EE2)    |
| YUV                                 | 165.8050, 29.6761,<br>48.4060 |
| Hunter-Lab                          | 59.8204, 47.5159,<br>-33.6206 |

# Details

The Hex color **DD7EE2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **83E27E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFB5FF**, and **A449AA** is the 20% darker color. If you saturate the color by 10%, you get **DC67E2**, and if you desaturate by 10%, it is **DE95E2**.

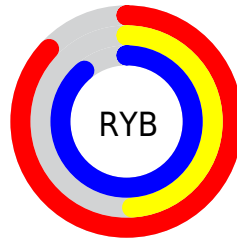
# Distribution



Red (87%)

Green (49%)

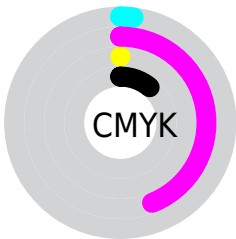
Blue (89%)



Red (87%)

Yellow (49%)

Blue (89%)

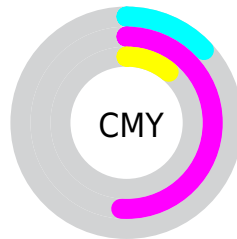


Cyan (2%)

Magenta (44%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (51%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD7EE2 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 DD7EE2 by changing the saturation by 10% instead.



 DD7EE2

 DD7EE2

FFFFFF

 C063C6

 FFB5FF

 A449AA

 FFD1FF

 882E90

 FFEEFF

 6D0E76

 53005C

 390044

 22002E

 000118

 000000

 DD7EE2

 DD7EE2

 DC67E2

 DE95E2

 DB51E2

 DFABE2

 DA3AE2

 E0C2E2

 D824E2

 E2D8E2

 D70DE2

 E3EFE2

 D700E2

 E4FFE2

 E5FFE2

 E6FFE2

 E7FFE2

# Harmonies

## Analogous

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



9296FF



DD7EE2



FF6DAD

# Triad

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



DD7EE2



C69B26



00BCD0

# Complementary

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



DD7EE2



83E27E

# 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.



00BC96



DD7EE2



90AC32

# Square

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



DD7EE2



EF8645



44B75E



00B7FD

# Rectangle

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



DD7EE2



FF6E87



44B75E



00BCBD



# Sweetspot

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



DD7EE2



FDDEFF



7E83E2



7E6B80



000000



808080



# Same Dimension

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



DD7EE2



F878FF



E27EB5



706570



A700B0



2E0030



# Inverse Universe

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



E27E83



FF787F



7EE2AB



706566



B00009

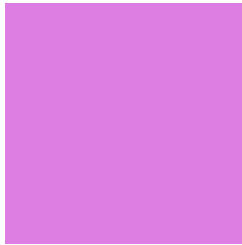


300002



# Previews

## White Background



This preview shows how the Hex color DD7EE2 looks on a white background.

## Color Contrast Check

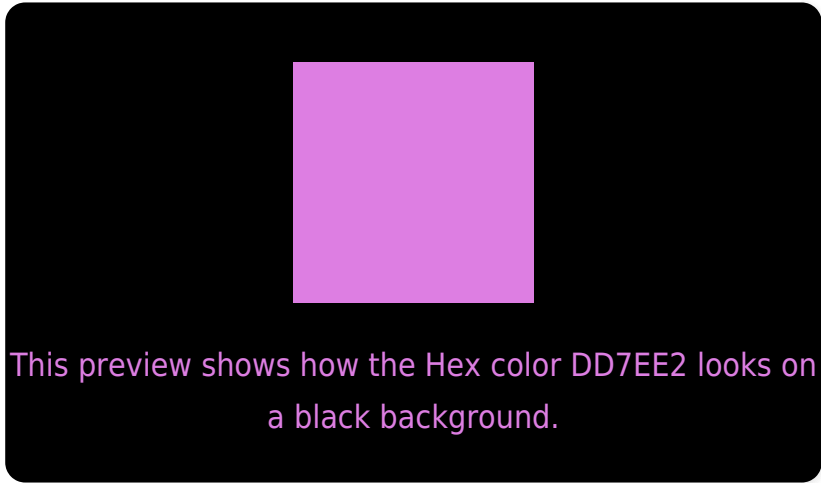
Large Text (above 18pt) WCAG AA × Fail

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

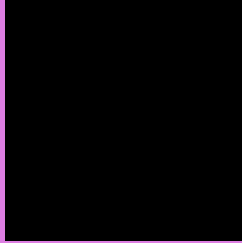
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DD7EE2 Background



This preview shows how black text looks on a background with the Hex color DD7EE2.

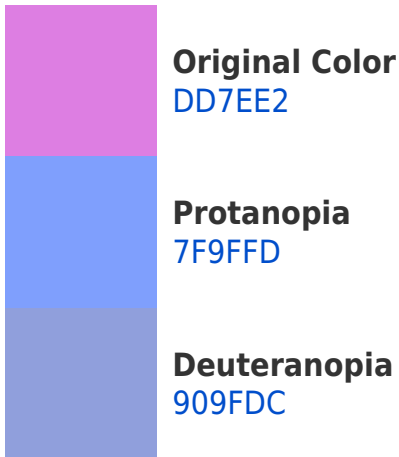



This preview shows how white text looks on a background with the Hex color DD7EE2.

# 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**  
D48E99

# Trichromacy



**Original Color**  
DD7EE2



**Protanomaly**  
A193F3



**Deuteranomaly**  
AC93DE

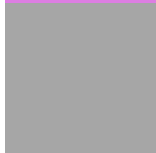


**Tritanomaly**  
D788B4

# Monochromacy



**Original Color**  
DD7EE2



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
BA97BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD7EE2 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 #DD7EE2 looks like.

```
.text, #text, p{  
    color:#DD7EE2  
}
```

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 #DD7EE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD7EE2
}
```

## Border

The CSS property to change the border of an element to Hex DD7EE2 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
#DD7EE2 }
```

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

```
.border{ border-color:#DD7EE2 }
```

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

Here you see how a box with a 4 pixel #DD7EE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD7EE2; -webkit-box-shadow:4px 4px  
4px 4px #DD7EE2; box-shadow:4px 4px 4px  
4px #DD7EE2 }
```

# Background

The CSS property to change the background color of an element to Hex DD7EE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD7EE2 }
```

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

```
.background{ background-color:#DD7EE2 }
```

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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