

Converting Colors

Hex(DD77AD)

Have a look what the booklet for
Hex(DD77AD) contains.

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Color

Hex(DD77AD)

Conversions

Conversions Part 1

Format	Color
Hex	DD77AD
RGB	221, 119, 173
RGB Percent	87%, 47%, 68%
CMY	0.1333, 0.5333, 0.3216
CMYK	0.00, 0.46, 0.22, 0.13
HSL	328°, 60%, 67%
HSV	328°, 46%, 87%
XYZ	43.9584, 31.5829, 43.3144
YIQ	155.6540, 43.4580, 38.4180

Conversions

Conversions Part 2

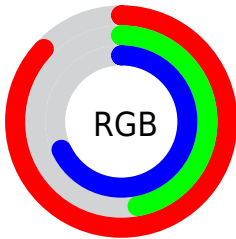
Format	Color
R _Y B	221, 119, 173
Decimal	14514093
CIE Lab	63.00, 46.16, -10.89
CIE LCh	63, 47.432, 346.727
Yxy	31.5829, 0.3698, 0.2657
Android (android.graphics.Color)	4292704173 (0xFFDD77AD)
YUV	155.6540, 8.5516, 57.3084
Hunter-Lab	56.1987, 41.2744, -6.3579

Details

The Hex color **DD77AD** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77DDA7**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFAEE4**, and **A44279** is the 20% darker color. If you saturate the color by 10%, you get **DD61A3**, and if you desaturate by 10%, it is **DD8DB7**.

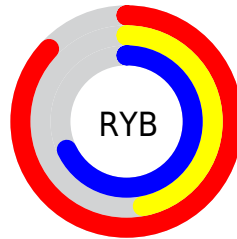
Distribution



Red (87%)

Green (47%)

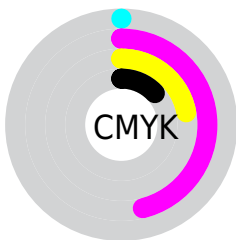
Blue (68%)



Red (87%)

Yellow (47%)

Blue (68%)

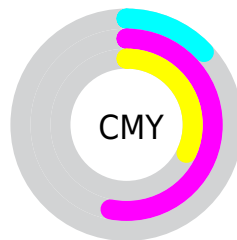


Cyan (0%)

Magenta (46%)

Yellow (22%)

Black (13%)



Cyan (13%)

Magenta (53%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD77AD 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 DD77AD by changing the saturation by 10% instead.

 DD77AD

 DD77AD

FFFFFF

 C05D92

 FFAEE4

 A44279

 FFCAFF

 882760

 FFE6FF

 6D0548

 520032

 39001D

 1E0001

 000000

 DD77AD

 DD77AD

 DD61A3

 DD8DB7

 DD4B98

 DDA3C2

 DD358E

 DDB9CC

 DD1F83

 DDCFD7

 DD0879

 DDE6E1

 DD0075

 DDFCEB

 DDFFF6

 DDFFFF

Harmonies

Analogous

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



BA84D3



DD77AD



E87582

Triad

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



DD77AD



9A9D44



00ABD5

Complementary

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



DD77AD



77DDA7

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.



00AEAF



DD77AD



6AA75C

Square

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



DD77AD



C19045



18AD84



00A2EA

Rectangle

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



DD77AD



E37C68



18AD84



00ACCA

Sweetspot

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



DD77AD



FFDBEE



A777DD



806A75



000000



808080

Same Dimension

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



DD77AD



FF73BD



DD777A



6E6368



AD005C



2E0018

Inverse Universe

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



DD77AD



FF73BD



77DDDA



6E6368



AD005C



2E0018

Previews

White Background



This preview shows how the Hex color DD77AD looks on a white background.

Color Contrast Check

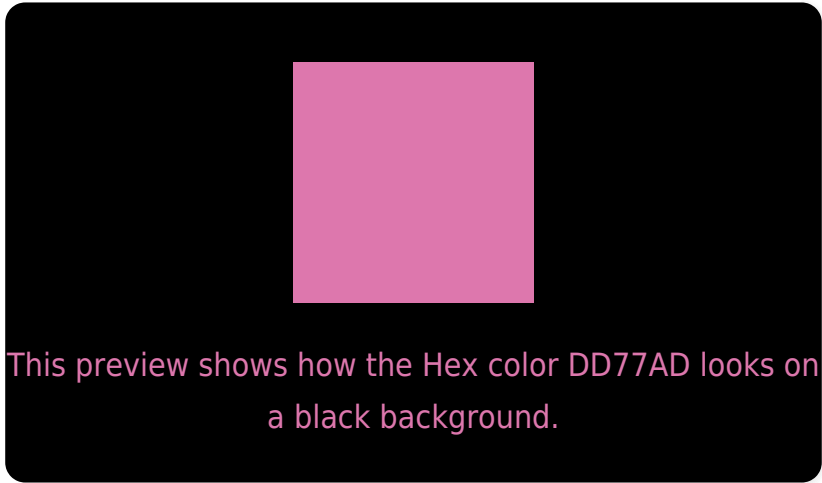
Large Text (above 18pt) WCAG AA × Fail

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 DD77AD Background



This preview shows how black text looks on a background with the Hex color DD77AD.

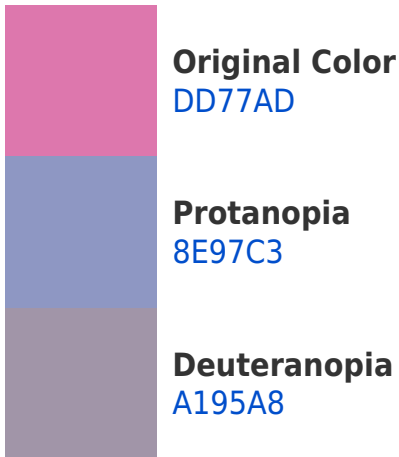


This preview shows how white text looks on a background with the Hex color DD77AD.

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
D97E88

Trichromacy



Original Color
DD77AD



Protanomaly
AB8BBB



Deuteranomaly
B78AAA

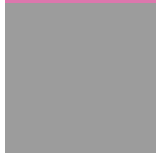


Tritanomaly
DA7B95

Monochromacy



Original Color
DD77AD



Achromatopsia
9C9C9C



Achromatomaly
B48FA2

CSS Examples

Text

The CSS property to change the color of the text to Hex DD77AD 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 #DD77AD looks like.

```
.text, #text, p{  
    color:#DD77AD  
}
```

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 #DD77AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD77AD
}
```

Border

The CSS property to change the border of an element to Hex DD77AD 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
#DD77AD }
```

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

```
.border{ border-color:#DD77AD }
```

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

Here you see how a box with a 4 pixel #DD77AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD77AD; -webkit-box-shadow:4px 4px  
4px 4px #DD77AD; box-shadow:4px 4px 4px  
4px #DD77AD }
```

Background

The CSS property to change the background color of an element to Hex DD77AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD77AD }
```

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

```
.background{ background-color:#DD77AD }
```

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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