

Converting Colors

Hex(DD7BD5)

Have a look what the booklet for
Hex(DD7BD5) contains.

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Color

Hex(DD7BD5)

Conversions

Conversions Part 1

Format	Color
Hex	DD7BD5
RGB	221, 123, 213
RGB Percent	87%, 48%, 84%
CMY	0.1333, 0.5176, 0.1647
CMYK	0.00, 0.44, 0.04, 0.13
HSL	305°, 59%, 67%
HSV	305°, 44%, 87%
XYZ	48.9120, 34.3422, 67.0015
YIQ	162.5620, 29.5180, 48.7660

Conversions

Conversions Part 2

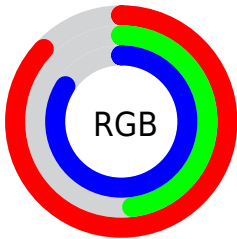
Format	Color
R _Y B	221, 123, 213
Decimal	14515157
CIE Lab	65.23, 50.53, -30.06
CIE LCh	65, 58.797, 329.258
Yxy	34.3422, 0.3255, 0.2286
Android (android.graphics.Color)	4292705237 (0xFFDD7BD5)
YUV	162.5620, 24.8659, 51.2501
Hunter-Lab	58.6022, 46.4302, -26.7664

Details

The Hex color **DD7BD5** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7BDD83**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB2FF**, and **A4469E** is the 20% darker color. If you saturate the color by 10%, you get **DD65D3**, and if you desaturate by 10%, it is **DD91D7**.

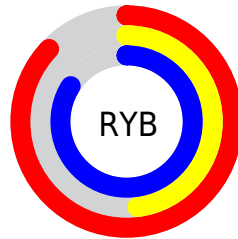
Distribution



Red (87%)

Green (48%)

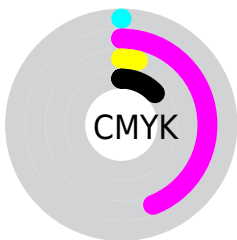
Blue (84%)



Red (87%)

Yellow (48%)

Blue (84%)

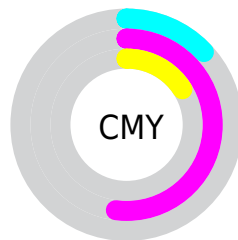


Cyan (0%)

Magenta (44%)

Yellow (4%)

Black (13%)



Cyan (13%)

Magenta (52%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD7BD5 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 DD7BD5 by changing the saturation by 10% instead.

 DD7BD5

FFFFFF

 FFB2FF

 FFCEFF

 FFE8FF

 DD7BD5

 C060B9

 A4469E

 882B84

 6D086A

 530052

 3A003A

 210024

 00000B

 000000

 DD7BD5

 DD7BD5

 DD65D3

 DD91D7

 DD4FD1

 DDA7D9

 DD39D0

 DDBDDA

 DD23CE

 DDD3DC

 DD0CCC

 DDEADE

 DD00CB

 DDFFE0

 DDFFE2

 DDFFE3

 DDFFE5

Harmonies

Analogous

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



9D91FB



DD7BD5



FB6EA2

Triad

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



DD7BD5



BC9B2C



00B7D0

Complementary

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



DD7BD5



7BDD83

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.



00B89B



DD7BD5



87AA3C

Square

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



DD7BD5



E48743



3CB366



00B1F8

Rectangle

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



DD7BD5



FF707F



3CB366



00B8BF

Sweetspot

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



DD7BD5



FFDEFC



827BDD



806B7E



000000



808080

Same Dimension

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



DD7BD5



FF78F4



DD7BA5



6E636D



AD009F



2E002A

Inverse Universe

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



DD7BD5



FF78F4



7BDDB3



6E636D



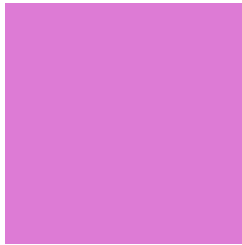
AD009F



2E002A

Previews

White Background



This preview shows how the Hex color DD7BD5 looks on a white background.

Color Contrast Check

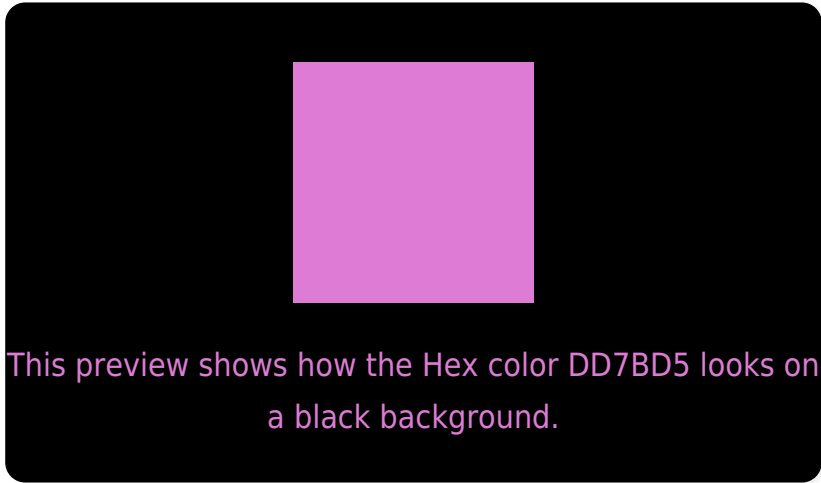
Large Text (above 18pt) WCAG AA × Fail

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 DD7BD5 Background



This preview shows how black text looks on a background with the Hex color DD7BD5.

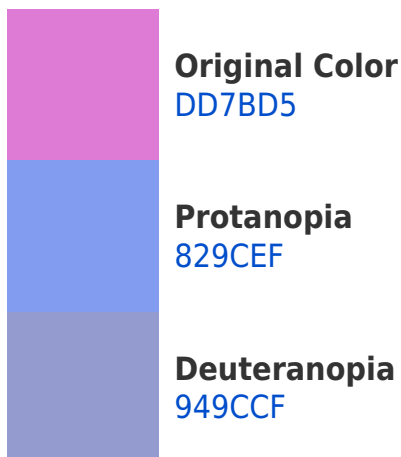



This preview shows how white text looks on a background with the Hex color DD7BD5.

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](#).

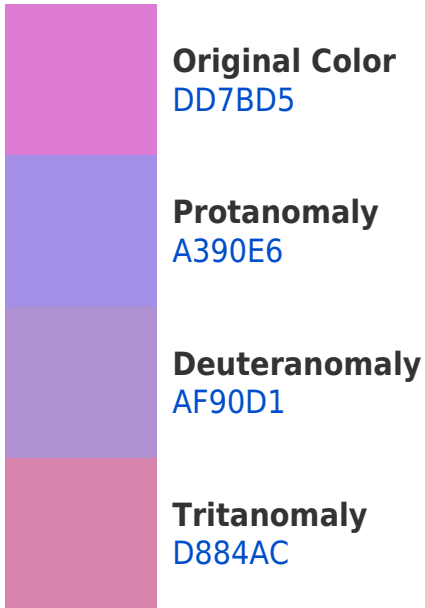
Dichromacy



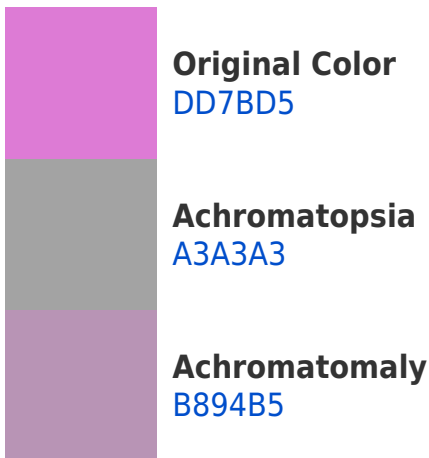


Tritanopia
D58994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD7BD5 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 #DD7BD5 looks like.

```
.text, #text, p{  
    color:#DD7BD5  
}
```

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 #DD7BD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD7BD5
}
```

Border

The CSS property to change the border of an element to Hex DD7BD5 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
#DD7BD5 }
```

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

```
.border{ border-color:#DD7BD5 }
```

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

Here you see how a box with a 4 pixel #DD7BD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD7BD5; -webkit-box-shadow:4px 4px  
4px 4px #DD7BD5; box-shadow:4px 4px 4px  
4px #DD7BD5 }
```

Background

The CSS property to change the background color of an element to Hex DD7BD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD7BD5 }
```

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

```
.background{ background-color:#DD7BD5 }
```

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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