

Converting Colors

Hex(DD57DD)

Have a look what the booklet for
Hex(DD57DD) contains.

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Color

Hex(**DD57DD**)

Conversions

Conversions Part 1

Format	Color
Hex	DD57DD
RGB	221, 87, 221
RGB Percent	87%, 34%, 87%
CMY	0.1333, 0.6588, 0.1333
CMYK	0.00, 0.61, 0.00, 0.13
HSL	300°, 66%, 60%
HSV	300°, 61%, 87%
XYZ	46.2781, 27.4090, 71.2580
YIQ	142.3420, 36.8500, 70.0820

Conversions

Conversions Part 2

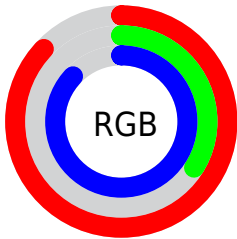
Format	Color
R _{YB}	221, 87, 221
Decimal	14505949
CIE Lab	59.35, 68.56, -43.73
CIE LCh	59, 81.321, 327.473
Yxy	27.4090, 0.3193, 0.1891
Android (android.graphics.Color)	4292696029 (0xFFDD57DD)
YUV	142.3420, 38.7784, 68.9831
Hunter-Lab	52.3536, 66.1668, -44.0515

Details

The Hex color **DD57DD** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **57DD57**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF90FF**, and **A311A5** is the 20% darker color. If you saturate the color by 10%, you get **DD41DD**, and if you desaturate by 10%, it is **DD6DDD**.

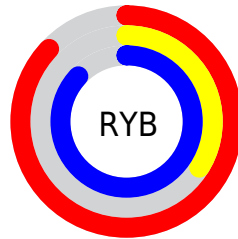
Distribution



Red (87%)

Green (34%)

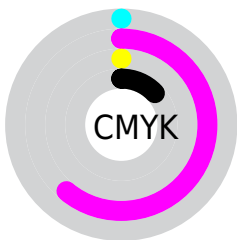
Blue (87%)



Red (87%)

Yellow (34%)

Blue (87%)

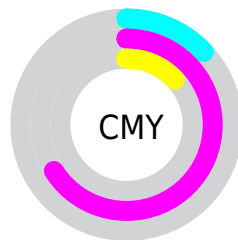


Cyan (0%)

Magenta (61%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (66%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD57DD 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 DD57DD by changing the saturation by 10% instead.

 DD57DD

 DD57DD

FFFFFF

 C039C1

 FF90FF

 A311A5

 FFADFF

 86008B

 FFCAFF

 6A0071

 FFE8FF

 4E0057

 360040

 160028

 000112

 000000

 DD57DD

 DD57DD

 DD41DD

 DD6DDD

 DD2BDD

 DD83DD

 DD15DD

 DD99DD

 DD00DD

 DDAFDD

 DDC6DD

 DDDCDD

 DDF2DD

 DDFD

Harmonies

Analogous

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



797EFF



DD57DD



FF3498

Triad

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



DD57DD



B28A00



00AECF

Complementary

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



DD57DD



57DD57

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.



00AD86



DD57DD



6C9E00

Square

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



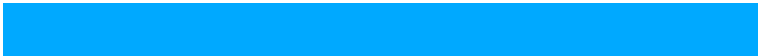
DD57DD



E76B00



00A83B



00A9FF

Rectangle

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



DD57DD



FF3969



00A83B



00AEB8

Sweetspot

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



DD57DD



FFD1FF



5757DD



806380



000000



808080

Same Dimension

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



DD57DD



FF45FF



DD579A



6E636E



AD00AD



2E002E

Inverse Universe

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



DD57DD



FF45FF



57DD9A



6E636E



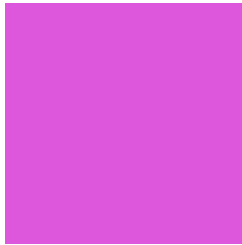
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color DD57DD looks on a white background.

Color Contrast Check

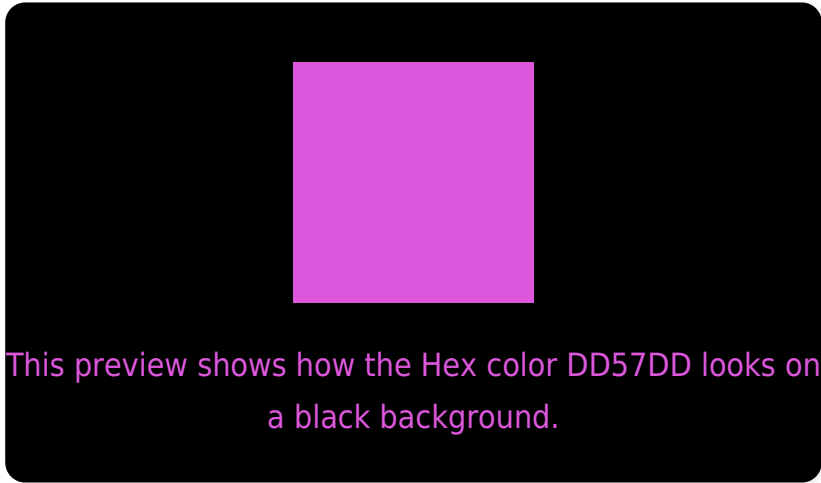
Large Text (above 18pt) WCAG AA ✓ Pass

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

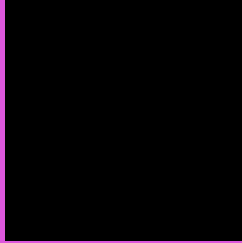
Any Text WCAG AA ✓ Pass

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 DD57DD Background



This preview shows how black text looks on a background with the Hex color DD57DD.

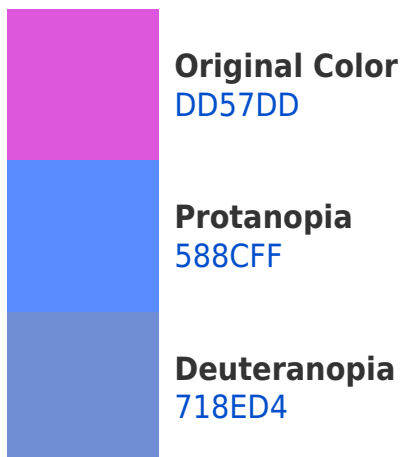



This preview shows how white text looks on a background with the Hex color DD57DD.

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](#).

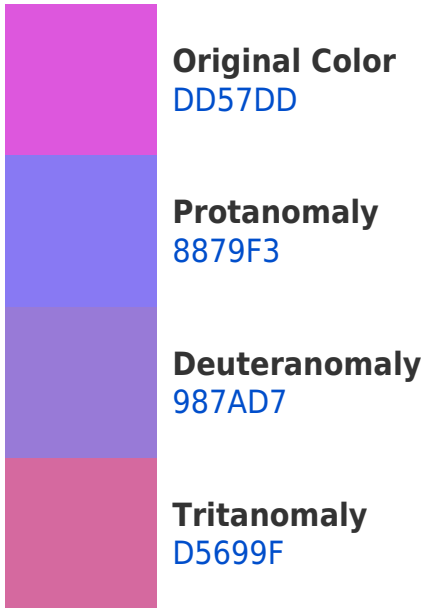
Dichromacy



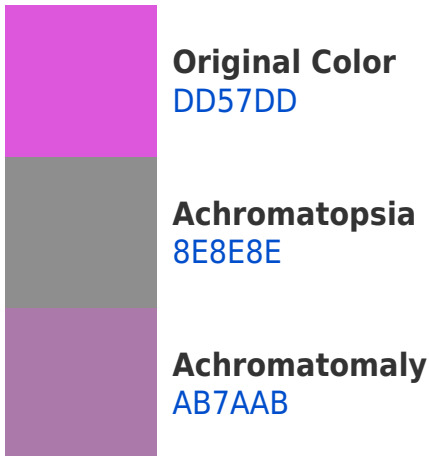


Tritanopia
D1737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD57DD 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 #DD57DD looks like.

```
.text, #text, p{  
    color:#DD57DD  
}
```

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 #DD57DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD57DD
}
```

Border

The CSS property to change the border of an element to Hex DD57DD 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
#DD57DD }
```

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

```
.border{ border-color:#DD57DD }
```

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

Here you see how a box with a 4 pixel #DD57DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD57DD; -webkit-box-shadow:4px 4px  
4px 4px #DD57DD; box-shadow:4px 4px 4px  
4px #DD57DD }
```

Background

The CSS property to change the background color of an element to Hex DD57DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD57DD }
```

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

```
.background{ background-color:#DD57DD }
```

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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