

Converting Colors

Hex(DD427F)

Have a look what the booklet for
Hex(DD427F) contains.

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Color

Hex(DD427F)

Conversions

Conversions Part 1

Format	Color
Hex	DD427F
RGB	221, 66, 127
RGB Percent	87%, 26%, 50%
CMY	0.1333, 0.7412, 0.5020
CMYK	0.00, 0.70, 0.43, 0.13
HSL	336°, 70%, 56%
HSV	336°, 70%, 87%
XYZ	35.5978, 20.8009, 22.2174
YIQ	119.2990, 72.7990, 51.8310

Conversions

Conversions Part 2

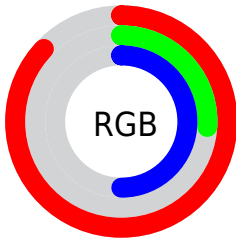
Format	Color
RYB	221, 66, 127
Decimal	14500479
CIELab	52.73, 64.16, 0.76
CIElCh	53, 64.162, 0.676
Yxy	20.8009, 0.4528, 0.2646
Android (android.graphics.Color)	4292690559 (0xFFDD427F)
YUV	119.2990, 3.7966, 89.1918
Hunter-Lab	45.6080, 59.5082, 3.0431

Details

The Hex color **DD427F** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **42DDA0**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF7CB4**, and **A1004E** is the 20% darker color. If you saturate the color by 10%, you get **DD2C72**, and if you desaturate by 10%, it is **DD588C**.

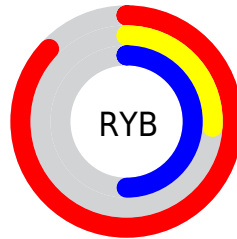
Distribution



Red (87%)

Green (26%)

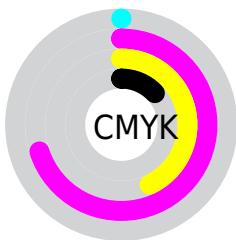
Blue (50%)



Red (87%)

Yellow (26%)

Blue (50%)

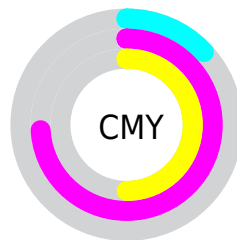


Cyan (0%)

Magenta (70%)

Yellow (43%)

Black (13%)



Cyan (13%)

Magenta (74%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD427F 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 DD427F by changing the saturation by 10% instead.

 DD427F

 DD427F

FFFFFF

 BF1F66

 FF7CB4

 A1004E

 FF99CF

 830038

 FFB6EB

 660023

 FFD3FF

 4A000C

 FFF1FF

 2D0001

 000000

 DD427F

 DD427F

 DD2C72

 DD588C

 DD1664

 DD6E9A

 DD0057

 DD84A7

 DD9AB5

 DDB1C2

 DDC7CF

 DDDDDD

 DDF3EA

 DDFFF8

Harmonies

Analogous

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



C053B5



DD427F



DB4D49

Triad

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



DD427F



5F8B06



0091DE

Complementary

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



DD427F



42DDA0

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.



0096B5



DD427F



009344

Square

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



DD427F



967C00



00977E



0084ED

Rectangle

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



DD427F



CB5D28



00977E



0094D3

Sweetspot

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



DD427F



FFC9DF



9F42DD



80606C



000000



808080

Same Dimension

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



DD427F



FF297D



DD5142



6E6367



AD0044



2E0012

Inverse Universe

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



DD427F



FF297D



42CDDD



6E6367



AD0044



2E0012

Previews

White Background



This preview shows how the Hex color DD427F looks on a white background.

Color Contrast Check

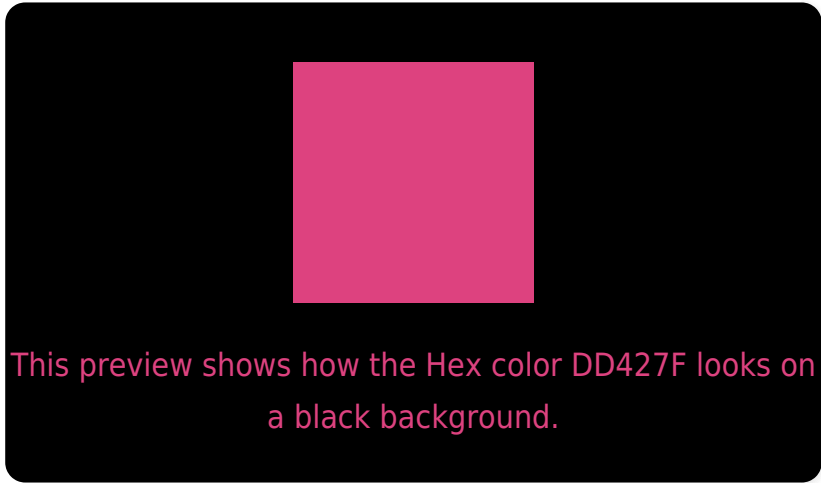
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD427F Background



This preview shows how black text looks on a background with the Hex color DD427F.

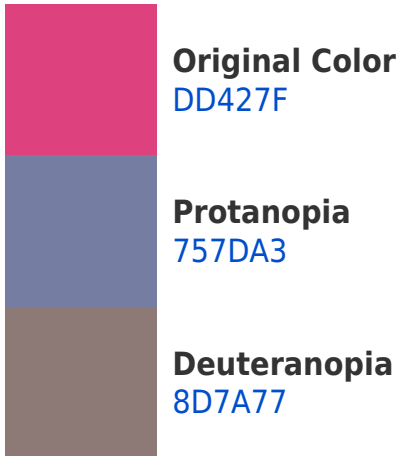


This preview shows how white text looks on a background with the Hex color DD427F.

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
DA4D51

Trichromacy



Original Color
DD427F



Protanomaly
9B6896



Deuteranomaly
AA667A

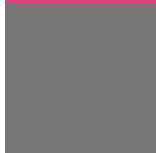


Tritanomaly
DB4962

Monochromacy



Original Color
DD427F



Achromatopsia
777777



Achromatomaly
9C647A

CSS Examples

Text

The CSS property to change the color of the text to Hex DD427F 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 #DD427F looks like.

```
.text, #text, p{  
    color:#DD427F  
}
```

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 #DD427F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD427F
}
```

Border

The CSS property to change the border of an element to Hex DD427F 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
#DD427F }
```

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

```
.border{ border-color:#DD427F }
```

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

Here you see how a box with a 4 pixel #DD427F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD427F; -webkit-box-shadow:4px 4px  
4px 4px #DD427F; box-shadow:4px 4px 4px  
4px #DD427F }
```

Background

The CSS property to change the background color of an element to Hex DD427F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD427F }
```

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

```
.background{ background-color:#DD427F }
```

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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