

Converting Colors

Hex(DD207F)

Have a look what the booklet for
Hex(DD207F) contains.

Hex(DD207F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DD207F)

Conversions

Conversions Part 1

Format	Color
Hex	DD207F
RGB	221, 32, 127
RGB Percent	87%, 13%, 50%
CMY	0.1333, 0.8745, 0.5020
CMYK	0.00, 0.86, 0.43, 0.13
HSL	330°, 75%, 50%
HSV	330°, 86%, 87%
XYZ	34.1661, 17.9375, 21.7402
YIQ	99.3410, 82.1490, 69.6130

Conversions

Conversions Part 2

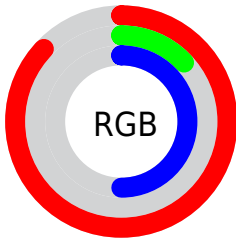
Format	Color
R_{YB}	221, 32, 127
Decimal	14491775
CIE Lab	49.42, 73.53, -4.10
CIE LCh	49, 73.644, 356.807
Yxy	17.9375, 0.4627, 0.2429
Android (android.graphics.Color)	4292681855 (0xFFDD207F)
YUV	99.3410, 13.6359, 106.6949
Hunter-Lab	42.3527, 69.8795, -0.7875

Details

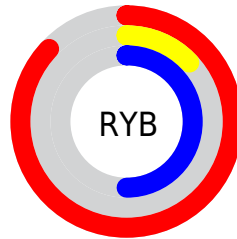
The Hex color **DD207F** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **20DD7E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF66B4**, and **A0004E** is the 20% darker color. If you saturate the color by 10%, you get **DD0A74**, and if you desaturate by 10%, it is **DD368A**.

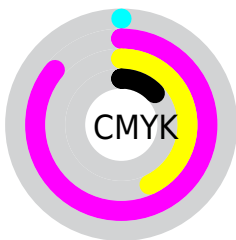
Distribution



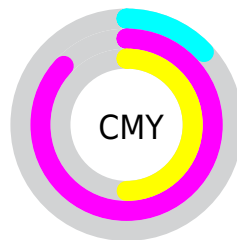
- Red (87%)
- Green (13%)
- Blue (50%)



- Red (87%)
- Yellow (13%)
- Blue (50%)



- Cyan (0%)
- Magenta (86%)
- Yellow (43%)
- Black (13%)



- Cyan (13%)
- Magenta (87%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD207F 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 DD207F by changing the saturation by 10% instead.

 DD207F

 DD207F

FFFFFF

 BE0066

 FF66B4

 A0004E

 FF84CF

 820038

 FFA2EB

 640022

 FFBFFF

 49000B

 FFDDFF

 290001

 FFBFF

 000000

 DD207F

 DD207F

 DD0A74

 DD368A

 DD006F

 DD4C95

 DD62A0

 DD78AB

 DD8FB6

 DDA5C1

 DDBBCC

 DDD1D7

 DDE7E2

Harmonies

Analogous

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



B844BB



DD207F



DD3042

Triad

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



DD207F



588200



008CDE

Complementary

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



DD207F



20DD7E

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.



0090AD



DD207F



008B2A

Square

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



DD207F



947100



00906D



0080F4

Rectangle

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



DD207F



CE4917



00906D



008ED0

Sweetspot

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



DD207F



FFBDDE



7B20DD



80586C



000000



808080

Same Dimension

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



DD207F



FF0080



DD2023



6E6368



AD0057



2E0017

Inverse Universe

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



DD207F



FF0080



20DDDA



6E6368



AD0057



2E0017

Previews

White Background



This preview shows how the Hex color DD207F looks on a white background.

Color Contrast Check

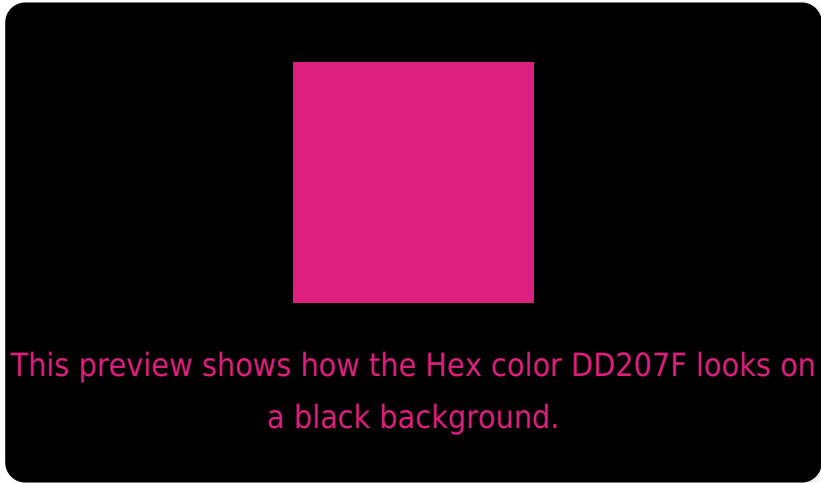
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 DD207F Background



This preview shows how black text looks on a background with the Hex color DD207F.

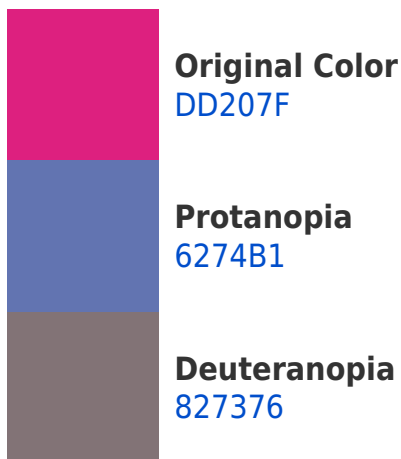


This preview shows how white text looks on a background with the Hex color DD207F.

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
D9393B

Trichromacy



Original Color
DD207F



Protanomaly
8F559F



Deuteranomaly
A35579

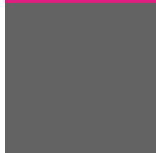


Tritanomaly
DA3054

Monochromacy



Original Color
DD207F



Achromatopsia
636363



Achromatomaly
8F4B6D

CSS Examples

Text

The CSS property to change the color of the text to Hex DD207F 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 #DD207F looks like.

```
.text, #text, p{  
    color:#DD207F  
}
```

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 #DD207F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD207F
}
```

Border

The CSS property to change the border of an element to Hex DD207F 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
#DD207F }
```

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

```
.border{ border-color:#DD207F }
```

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

Here you see how a box with a 4 pixel #DD207F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD207F; -webkit-box-shadow:4px 4px  
4px 4px #DD207F; box-shadow:4px 4px 4px  
4px #DD207F }
```

Background

The CSS property to change the background color of an element to Hex DD207F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD207F }
```

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

```
.background{ background-color:#DD207F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor