

# Converting Colors

Hex(DD006F)

Have a look what the booklet for  
Hex(DD006F) contains.

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**Color**

**Hex(DD006F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD006F
RGB	221, 0, 111
RGB Percent	87%, 0%, 44%
CMY	0.1333, 1.0000, 0.5647
CMYK	0.00, 1.00, 0.50, 0.13
HSL	330°, 100%, 43%
HSV	330°, 100%, 87%
XYZ	32.6880, 16.5198, 16.5047
YIQ	78.7330, 96.0850, 81.3730

# Conversions

## Conversions Part 2

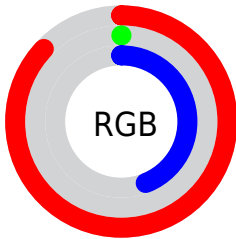
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 0, 111
Decimal	14483567
CIE Lab	47.65, 75.96, 3.10
CIE LCh	48, 76.024, 2.338
Yxy	16.5198, 0.4974, 0.2514
Android (android.graphics.Color)	4292673647 (0xFFDD006F)
YUV	78.7330, 15.9076, 124.7682
Hunter-Lab	40.6446, 72.4288, 4.3751

# Details

The Hex color **DD006F** 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 **00DD6E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5CA2**, and **9F0040** is the 20% darker color. If you saturate the color by 10%, you get **DD006F**, and if you desaturate by 10%, it is **DD167A**.

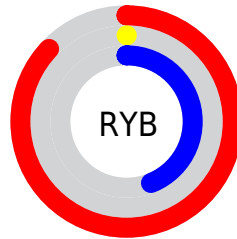
# Distribution



Red (87%)

Green (0%)

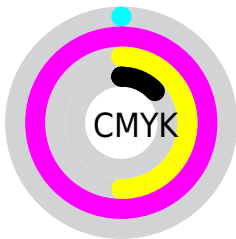
Blue (44%)



Red (87%)

Yellow (0%)

Blue (44%)

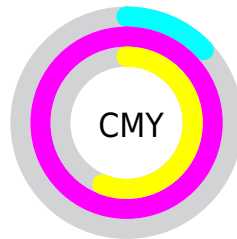


Cyan (0%)

Magenta (100%)

Yellow (50%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD006F 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 DD006F by changing the saturation by 10% instead.



 DD006F

 DD006F

FFFFFF

 BE0057

 FF5CA2

 9F0040

 FF7BBD

 80002A

 FF99D9

 620016

 FFB6F5

 450003

 FFD4FF

 240001

 FFF3FF

 000000

 DD006F

 DD167A

 DD2C85

 DD4290

 DD589B

 DD6FA6

 DD85B1

 DD9BBC

 DDB1C7

 DDC7D2

# Harmonies

## Analogous

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



BF33AE



DD006F



D72D31

# Triad

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



DD006F



428000



0087E3

# Complementary

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



DD006F



00DD6E

# 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.



008CB5



DD006F



008830

# Square

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



DD006F



857000



008C75



0078F3

# Rectangle

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



DD006F



C44900



008C75



0089D7



# Sweetspot

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



DD006F



FFB3D9



6B00DD



805269



000000



808080



# Same Dimension

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



DD006F



FF0080



DD0004



6E6368



AD0057



2E0017



# Inverse Universe

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



DD006F



FF0080



00DDD9



6E6368



AD0057



2E0017



# Previews

## White Background



This preview shows how the Hex color DD006F looks on a white background.

## Color Contrast Check

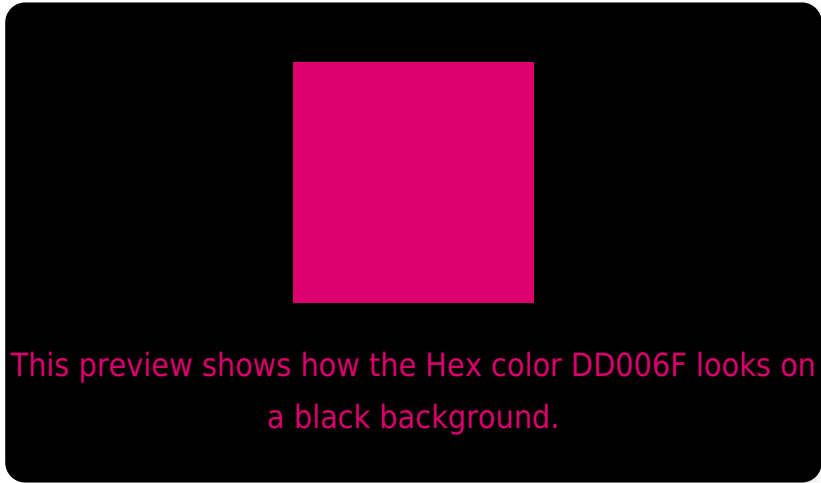
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DD006F Background



This preview shows how black text looks on a background with the Hex color DD006F.



This preview shows how white text looks on a background with the Hex color DD006F.

# 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





# Trichromacy



**Original Color**  
DD006F



**Protanomaly**  
91488E



**Deuteranomaly**  
A44769



**Tritanomaly**  
DB1C44

# Monochromacy



**Original Color**  
DD006F



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
83325B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD006F 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 #DD006F looks like.

```
.text, #text, p{  
    color:#DD006F  
}
```

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 #DD006F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD006F
}
```

## Border

The CSS property to change the border of an element to Hex DD006F 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
#DD006F }
```

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

```
.border{ border-color:#DD006F }
```

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

Here you see how a box with a 4 pixel #DD006F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD006F; -webkit-box-shadow:4px 4px  
4px 4px #DD006F; box-shadow:4px 4px 4px  
4px #DD006F }
```

# Background

The CSS property to change the background color of an element to Hex DD006F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD006F }
```

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

```
.background{ background-color:#DD006F }
```

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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