

# Converting Colors

Hex(DF00A7)

Have a look what the booklet for  
Hex(DF00A7) contains.

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**Color**

**Hex(DF00A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF00A7
RGB	223, 0, 167
RGB Percent	87%, 0%, 65%
CMY	0.1255, 1.0000, 0.3451
CMYK	0.00, 1.00, 0.25, 0.13
HSL	315°, 100%, 44%
HSV	315°, 100%, 87%
XYZ	37.4065, 18.4780, 38.1543
YIQ	85.7150, 79.3010, 99.2130

# Conversions

## Conversions Part 2

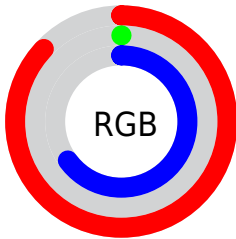
<b>Format</b>	<b>Color</b>
<b>RYB</b>	223, 0, 167
Decimal	14614695
CIELab	50.07, 81.63, -27.09
CIELCh	50, 86.003, 341.642
Yxy	18.4780, 0.3978, 0.1965
Android (android.graphics.Color)	4292804775 (0xFFDF00A7)
YUV	85.7150, 40.0735, 120.3989
Hunter-Lab	42.9860, 80.1052, -22.5354

# Details

The Hex color **DF00A7** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **00DF38**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5FDE**, and **A30073** is the 20% darker color. If you saturate the color by 10%, you get **DF00A7**, and if you desaturate by 10%, it is **DF16AD**.

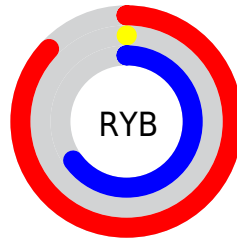
# Distribution



Red (87%)

Green (0%)

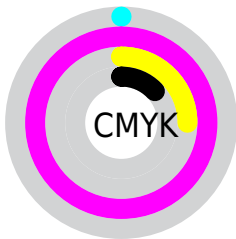
Blue (65%)



Red (87%)

Yellow (0%)

Blue (65%)

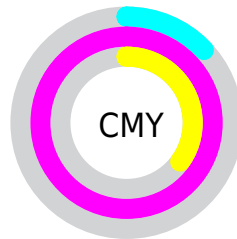


Cyan (0%)

Magenta (100%)

Yellow (25%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF00A7 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 DF00A7 by changing the saturation by 10% instead.



 DF00A7

 DF00A7

FFFFFF

 C1008C

 FF5FDE

 A30073

 FF7EFB

 85005A

 FF9CFF

 680042

 FFBAFF

 4D002C

 FFD9FF

 2E0016

 FFF7FF

 000000

 DF00A7

 DF16AD

 DF2DB2

 DF43B8

 DF59BD

 DF70C3

 DF86C9

 DF9CCE

 DFB2D4

 DFC9D9

# Harmonies

## Analogous

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



9952E6



DF00A7



F3005E

# Triad

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



DF00A7



787D00



0094D8

# Complementary

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



DF00A7



00DF38

# 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.



009593



DF00A7



008C00

# Square

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



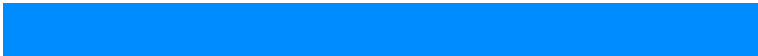
DF00A7



B56200



009245



008CFF

# Rectangle

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



DF00A7



EA1A2F



009245



0095C3



# Sweetspot

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



DF00A7



FFB3EC



3800DF



805274



000000



808080



# Same Dimension

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



DF00A7



FF00BF



DF0038



70656D



B00084



300024



# Inverse Universe

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



DF00A7



FF00BF



00DFA7



70656D



B00084



300024



# Previews

## White Background



This preview shows how the Hex color DF00A7 looks on a white background.

## Color Contrast Check

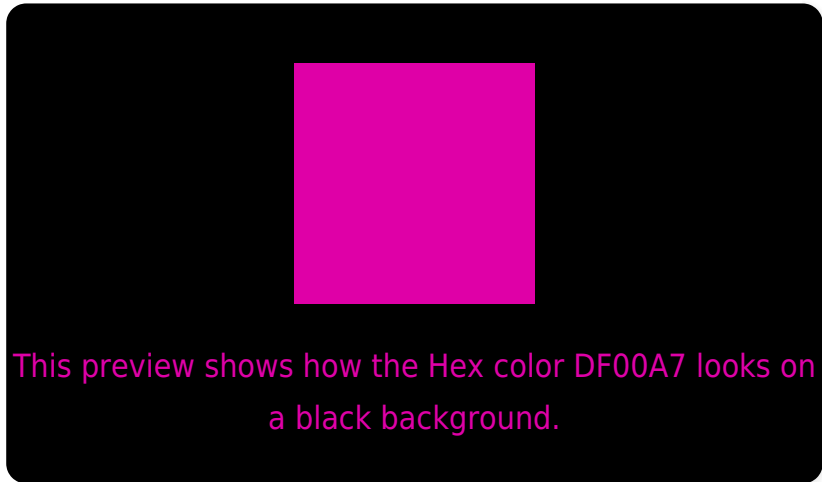
Large Text (above 18pt) WCAG AA ✓ Pass

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

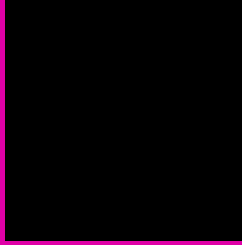
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DF00A7 Background



This preview shows how black text looks on a background with the Hex color DF00A7.



This preview shows how white text looks on a background with the Hex color DF00A7.

# 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**  
D84245

# Trichromacy



**Original Color**  
DF00A7



**Protanomaly**  
6E4AD4



**Deuteranomaly**  
9A4CA0



**Tritanomaly**  
DB2A69

# Monochromacy



**Original Color**  
DF00A7



**Achromatopsia**  
565656



**Achromatomaly**  
883773

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF00A7 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 #DF00A7 looks like.

```
.text, #text, p{  
    color:#DF00A7  
}
```

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 #DF00A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF00A7
}
```

## Border

The CSS property to change the border of an element to Hex DF00A7 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
#DF00A7 }
```

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

```
.border{ border-color:#DF00A7 }
```

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

Here you see how a box with a 4 pixel #DF00A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF00A7; -webkit-box-shadow:4px 4px  
4px 4px #DF00A7; box-shadow:4px 4px 4px  
4px #DF00A7 }
```

# Background

The CSS property to change the background color of an element to Hex DF00A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF00A7 }
```

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

```
.background{ background-color:#DF00A7 }
```

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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