

# Converting Colors

Hex(DF4880)

Have a look what the booklet for  
Hex(DF4880) contains.

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**Color**

**Hex(DF4880)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | DF4880                     |
| RGB           | 223, 72, 128               |
| RGB Percent   | 87%, 28%, 50%              |
| CMY           | 0.1255, 0.7176, 0.4980     |
| CMYK          | 0.00, 0.68, 0.43, 0.13     |
| HSL           | 338°, 70%, 58%             |
| HSV           | 338°, 68%, 87%             |
| XYZ           | 36.6451, 21.8812, 22.7142  |
| YIQ           | 123.5330, 72.0200, 49.4280 |

# Conversions

## Conversions Part 2

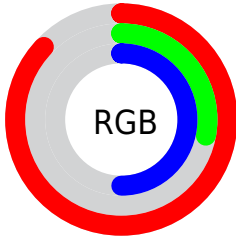
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 223, 72, 128                 |
| Decimal                             | 14633088                     |
| CIE Lab                             | 53.90, 62.62, 1.90           |
| CIE LCh                             | 54, 62.644, 1.741            |
| Yxy                                 | 21.8812, 0.4511,<br>0.2693   |
| Android<br>(android.graphics.Color) | 4292823168<br>(0xFFDF4880)   |
| YUV                                 | 123.5330, 2.2022,<br>87.2326 |
| Hunter-Lab                          | 46.7774, 57.9753,<br>3.9541  |

# Details

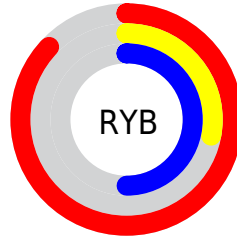
The Hex color **DF4880** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **48DFA7**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF82B5**, and **A3004F** is the 20% darker color. If you saturate the color by 10%, you get **DF3272**, and if you desaturate by 10%, it is **DF5E8E**.

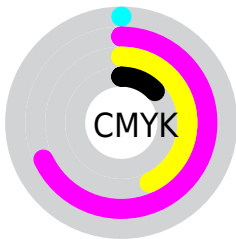
# Distribution



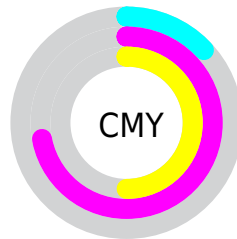
- Red (87%)
- Green (28%)
- Blue (50%)



- Red (87%)
- Yellow (28%)
- Blue (50%)



- Cyan (0%)
- Magenta (68%)
- Yellow (43%)
- Black (13%)



- Cyan (13%)
- Magenta (72%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF4880 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 DF4880 by changing the saturation by 10% instead.



 DF4880

 DF4880

FFFFFF

 C12867

 FF82B5

 A3004F

 FF9ED0

 850038

 FFBBEC

 680023

 FFD8FF

 4C000D

 FFF6FF

 2F0002

 000000

 DF4880

 DF4880

 DF3272

 DF5E8E

 DF1B64

 DF759C

 DF0556

 DF8BAA

 DF0053

 DFA1B8

 DFB8C6

 DFCED4

 DFE4E2

 DFFAF0

 DFFFFE

# Harmonies

## Analogous

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



C457B5



DF4880



DC534B

# Triad

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



DF4880



618E15



0093E0

# Complementary

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



DF4880



48DFA7

# 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.



0099B8



DF4880



00964B

# Square

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



DF4880



987F00



009982



0086ED

# Rectangle

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



DF4880



CD622B



009982



0096D5



# Sweetspot

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



DF4880



FFCCDF



A548DF



80616C



000000



808080



# Same Dimension

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



DF4880



FF307D



DF5A48



706569



B00041



300012



# Inverse Universe

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



DF4880



FF307D



48CDDF



706569



B00041



300012



# Previews

## White Background



This preview shows how the Hex color DF4880 looks on a white background.

## Color Contrast Check

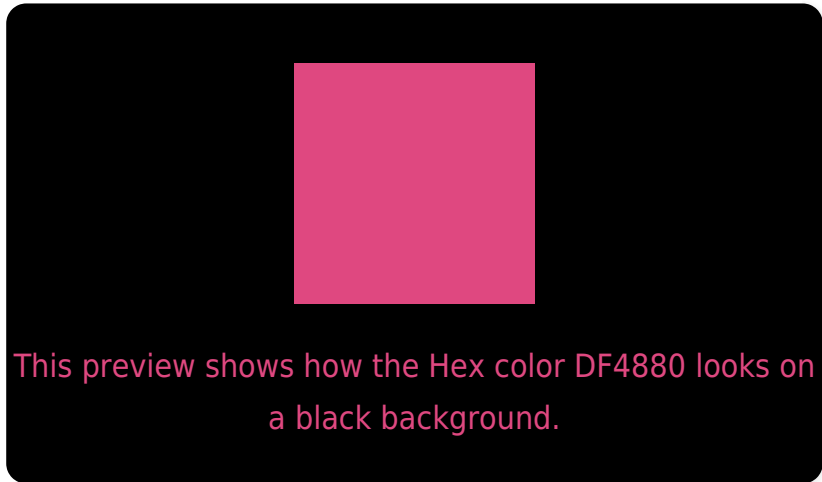
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF4880 Background



This preview shows how black text looks on a background with the Hex color DF4880.



This preview shows how white text looks on a background with the Hex color DF4880.

# 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**  
DF4880



**Protanomaly**  
9E6C96



**Deuteranomaly**  
AD6A7C



**Tritanomaly**  
DD4E65

# Monochromacy



**Original Color**  
DF4880



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
A0697D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF4880 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 #DF4880 looks like.

```
.text, #text, p{  
    color:#DF4880  
}
```

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 #DF4880 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF4880
}
```

## Border

The CSS property to change the border of an element to Hex DF4880 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
#DF4880 }
```

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

```
.border{ border-color:#DF4880 }
```

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

Here you see how a box with a 4 pixel #DF4880 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF4880; -webkit-box-shadow:4px 4px  
4px 4px #DF4880; box-shadow:4px 4px 4px  
4px #DF4880 }
```

# Background

The CSS property to change the background color of an element to Hex DF4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF4880 }
```

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

```
.background{ background-color:#DF4880 }
```

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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