

# Converting Colors

Hex(DF428C)

Have a look what the booklet for  
Hex(DF428C) contains.

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# Color

**Hex(DF428C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF428C
RGB	223, 66, 140
RGB Percent	87%, 26%, 55%
CMY	0.1255, 0.7412, 0.4510
CMYK	0.00, 0.70, 0.37, 0.13
HSL	332°, 71%, 57%
HSV	332°, 70%, 87%
XYZ	37.1133, 21.4779, 27.0005
YIQ	121.3790, 69.8180, 56.2980

# Conversions

## Conversions Part 2

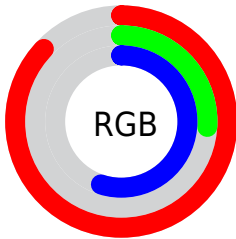
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 66, 140
Decimal	14631564
CIE Lab	53.47, 66.02, -5.88
CIE LCh	53, 66.282, 354.912
Yxy	21.4779, 0.4336, 0.2509
Android (android.graphics.Color)	4292821644 (0xFFDF428C)
YUV	121.3790, 9.1802, 89.1216
Hunter-Lab	46.3442, 61.8436, -2.1019

# Details

The Hex color **DF428C** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle muted rose. A complement of this color would be **42DF95**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF7DC1**, and **A3005A** is the 20% darker color. If you saturate the color by 10%, you get **DF2C80**, and if you desaturate by 10%, it is **DF5898**.

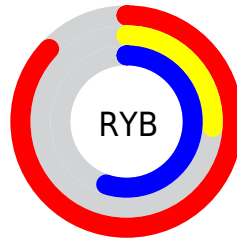
# Distribution



Red (87%)

Green (26%)

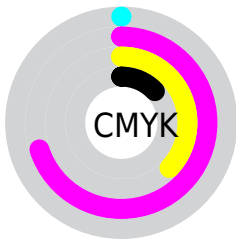
Blue (55%)



Red (87%)

Yellow (26%)

Blue (55%)

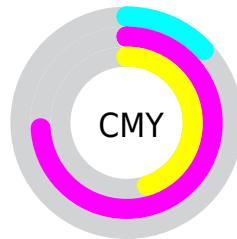


Cyan (0%)

Magenta (70%)

Yellow (37%)

Black (13%)



Cyan (13%)

Magenta (74%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF428C 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 DF428C by changing the saturation by 10% instead.



 DF428C

 DF428C

FFFFFF

 C11E73

 FF7DC1

 A3005A

 FF9ADD

 860043

 FFB7FA

 68002D

 FFD4FF

 4C0018

 FFF2FF

 300002

 000000

 DF428C

 DF428C

 DF2C80

 DF5898

 DF1574

 DF6FA4

 DF0069

 DF85AF

 DF9BBB

 DFB2C7

 DFC8D3

 DFDEDF

 DFF4EA

 DFFFF6

# Harmonies

## Analogous

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



BA59C2



DF428C



E24853

# Triad

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



DF428C



6C8B00



0095DD

# Complementary

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



DF428C



42DF95

# 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.



0099AE



DF428C



009439

# Square

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



DF428C



A27A00



009974



008AF2

# Rectangle

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



DF428C



D55930



009974



0097D0



# Sweetspot

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



DF428C



FFC9E3



9342DF



80606F



000000



808080



# Same Dimension

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



DF428C



FF298E



DF4542



70656A



B00053



300017



# Inverse Universe

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



DF428C



FF298E



42DCDF



70656A



B00053



300017



# Previews

## White Background



This preview shows how the Hex color DF428C looks on a white background.

## Color Contrast Check

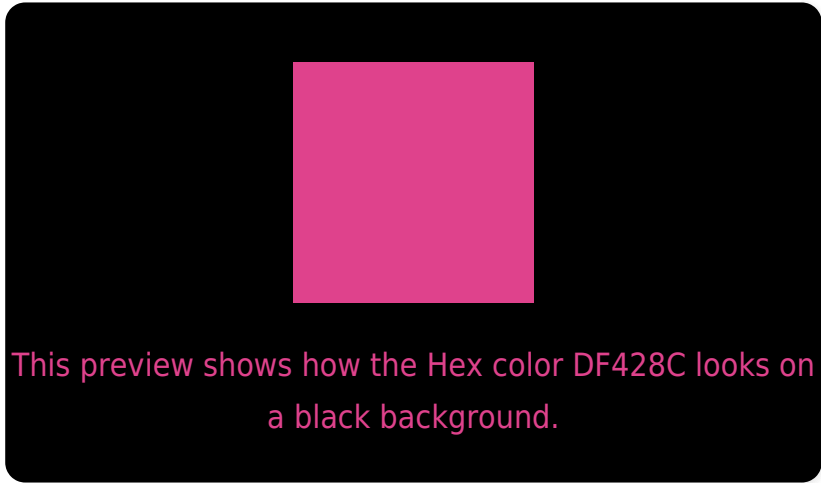
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF428C Background



This preview shows how black text looks on a background with the Hex color DF428C.



This preview shows how white text looks on a background with the Hex color DF428C.

# 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**  
DF428C



**Protanomaly**  
9868A5



**Deuteranomaly**  
AA6787

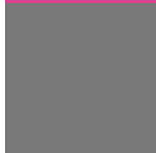


**Tritanomaly**  
DC4B69

# Monochromacy



**Original Color**  
DF428C



**Achromatopsia**  
797979



**Achromatomaly**  
9E6580

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF428C 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 #DF428C looks like.

```
.text, #text, p{  
    color:#DF428C  
}
```

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 #DF428C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF428C
}
```

## Border

The CSS property to change the border of an element to Hex DF428C 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
#DF428C }
```

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

```
.border{ border-color:#DF428C }
```

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

Here you see how a box with a 4 pixel #DF428C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF428C; -webkit-box-shadow:4px 4px  
4px 4px #DF428C; box-shadow:4px 4px 4px  
4px #DF428C }
```

# Background

The CSS property to change the background color of an element to Hex DF428C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF428C }
```

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

```
.background{ background-color:#DF428C }
```

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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