

# Converting Colors

Hex(DF3D8A)

Have a look what the booklet for  
Hex(DF3D8A) contains.

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# Color

Hex(**DF3D8A**)

# Conversions

## Conversions Part 1

Format	Color
Hex	DF3D8A
RGB	223, 61, 138
RGB Percent	87%, 24%, 54%
CMY	0.1255, 0.7608, 0.4588
CMYK	0.00, 0.73, 0.38, 0.13
HSL	331°, 72%, 56%
HSV	331°, 73%, 87%
XYZ	36.6876, 20.8604, 26.1376
YIQ	118.2160, 71.8350, 58.2910

# Conversions

## Conversions Part 2

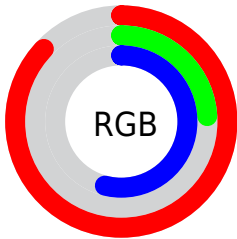
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 61, 138
Decimal	14630282
CIE <sub>Lab</sub>	52.80, 67.52, -5.68
CIE <sub>LCh</sub>	53, 67.755, 355.188
Y <sub>xy</sub>	20.8604, 0.4384, 0.2493
Android (android.graphics.Color)	4292820362 (0xFFDF3D8A)
YUV	118.2160, 9.7535, 91.8956
Hunter-Lab	45.6732, 63.4543, -1.9588

# Details

The Hex color **DF3D8A** 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 **3DDF92**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF79BF**, and **A30058** is the 20% darker color. If you saturate the color by 10%, you get **DF277E**, and if you desaturate by 10%, it is **DF5396**.

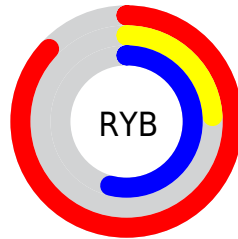
# Distribution



Red (87%)

Green (24%)

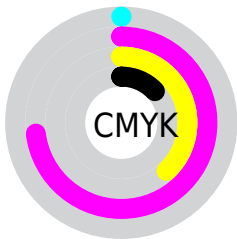
Blue (54%)



Red (87%)

Yellow (24%)

Blue (54%)

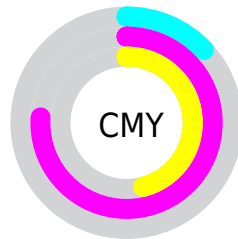


Cyan (0%)

Magenta (73%)

Yellow (38%)

Black (13%)



Cyan (13%)

Magenta (76%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF3D8A 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 DF3D8A by changing the saturation by 10% instead.



 DF3D8A

 DF3D8A

FFFFFF

 C11571

 FF79BF

 A30058

 FF96DB

 850041

 FFB3F8

 68002B

 FFD0FF

 4C0017

 FFEEFF

 2F0002

 000000

 DF3D8A

 DF3D8A

 DF277E

 DF5396

 DF1073

 DF6AA1

 DF006A

 DF80AD

 DF96B9

 DFACC5

 DFC3D0

 DFD9DC

 DF EFE8

 DFFF F3

# Harmonies

## Analogous

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



BA55C1



DF3D8A



E24450

# Triad

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



DF3D8A



688900



0094DD

# Complementary

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



DF3D8A



3DDF92

# 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.



0098AE



DF3D8A



009336

# Square

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



DF3D8A



A07800



009772



0088F3

# Rectangle

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



DF3D8A



D4562C



009772



0096D0



# Sweetspot

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



DF3D8A



FFC7E2



913DDF



805E6E



000000



808080



# Same Dimension

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



DF3D8A



FF218B



DF403D



70656A



B00054



300017



# Inverse Universe

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



DF3D8A



FF218B



3DDCDF



70656A



B00054



300017



# Previews

## White Background



This preview shows how the Hex color DF3D8A looks on a white background.

## Color Contrast Check

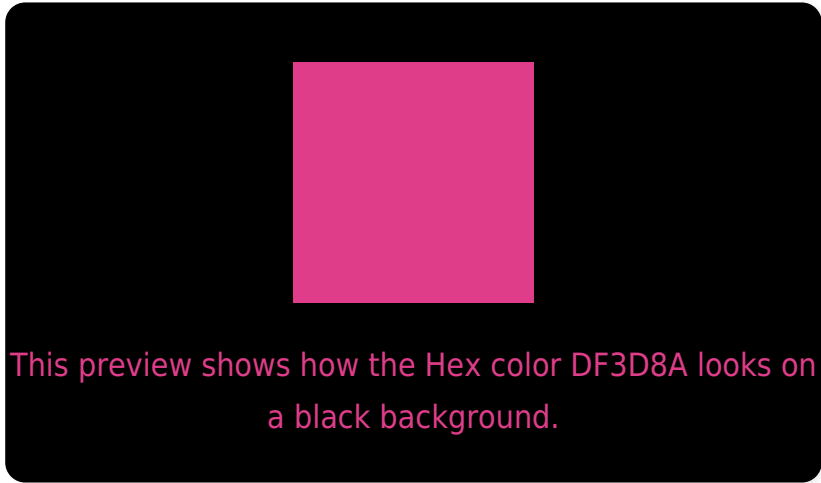
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF3D8A Background



This preview shows how black text looks on a background with the Hex color DF3D8A.

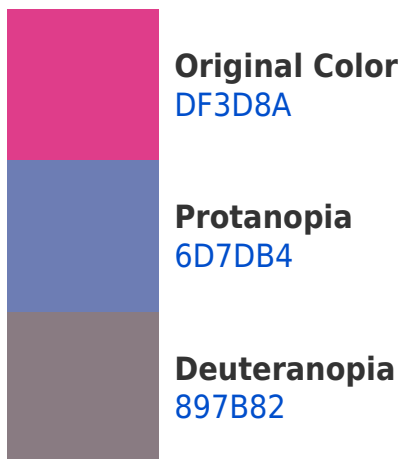



This preview shows how white text looks on a background with the Hex color DF3D8A.

# 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**  
DB4C51

# Trichromacy



**Original Color**  
DF3D8A



**Protanomaly**  
9666A5



**Deuteranomaly**  
A86485

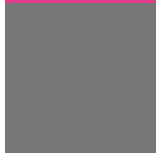


**Tritanomaly**  
DC4766

# Monochromacy



**Original Color**  
DF3D8A



**Achromatopsia**  
767676



**Achromatomaly**  
9C617D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF3D8A 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 #DF3D8A looks like.

```
.text, #text, p{  
  color:#DF3D8A  
}
```

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 #DF3D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF3D8A
}
```

## Border

The CSS property to change the border of an element to Hex DF3D8A 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
#DF3D8A }
```

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

```
.border{ border-color:#DF3D8A }
```

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

Here you see how a box with a 4 pixel #DF3D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF3D8A; -webkit-box-shadow:4px 4px  
4px 4px #DF3D8A; box-shadow:4px 4px 4px  
4px #DF3D8A }
```

# Background

The CSS property to change the background color of an element to Hex DF3D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF3D8A }
```

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

```
.background{ background-color:#DF3D8A }
```

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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