

# Converting Colors

Hex(DF168A)

Have a look what the booklet for  
Hex(DF168A) contains.

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**Color**

**Hex(DF168A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | DF168A                    |
| RGB           | 223, 22, 138              |
| RGB Percent   | 87%, 9%, 54%              |
| CMY           | 0.1255, 0.9137, 0.4588    |
| CMYK          | 0.00, 0.90, 0.38, 0.13    |
| HSL           | 325°, 82%, 48%            |
| HSV           | 325°, 90%, 87%            |
| XYZ           | 35.3058, 18.0968, 25.6770 |
| YIQ           | 95.3230, 82.5600, 78.6880 |

# Conversions

## Conversions Part 2

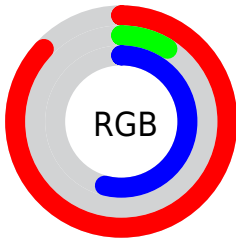
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 223, 22, 138                  |
| Decimal                             | 14620298                      |
| CIE <sub>Lab</sub>                  | 49.61, 76.61, -10.44          |
| CIE <sub>LCh</sub>                  | 50, 77.315, 352.241           |
| Yxy                                 | 18.0968, 0.4465,<br>0.2288    |
| Android<br>(android.graphics.Color) | 4292810378<br>(0xFFDF168A)    |
| YUV                                 | 95.3230, 21.0398,<br>111.9727 |
| Hunter-Lab                          | 42.5403, 73.6983,<br>-6.0087  |

# Details

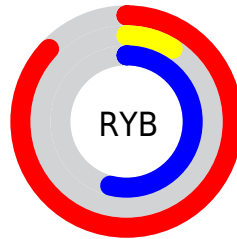
The Hex color **DF168A** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **16DF6B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF63BF**, and **A20058** is the 20% darker color. If you saturate the color by 10%, you get **DF0081**, and if you desaturate by 10%, it is **DF2C93**.

# Distribution



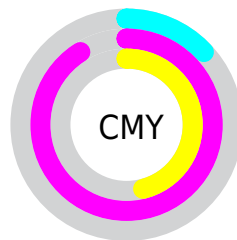
- Red (87%)
- Green (9%)
- Blue (54%)



- Red (87%)
- Yellow (9%)
- Blue (54%)



- Cyan (0%)
- Magenta (90%)
- Yellow (38%)
- Black (13%)



- Cyan (13%)
- Magenta (91%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF168A 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 DF168A by changing the saturation by 10% instead.



 DF168A

 DF168A

FFFFFF

 C00071

 FF63BF

 A20058

 FF81DB

 840041

 FF9FF8

 66002B

 FFBDFE

 4B0017

 FFDBFF

 2C0001

 FFF9FF

 000000

 DF168A

 DF168A

 DF0081

 DF2C93

 DF439D

 DF59A6

 DF6FB0

 DF86B9

 DF9CC3

 DFB2CC

 DFC8D5

 DFDFDF

# Harmonies

## Analogous

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



B247C8



DF168A



E42149

# Triad

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



DF168A



618100



008FDE

# Complementary

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



DF168A



16DF6B

# 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.



0092A6



DF168A



008C17

# Square

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



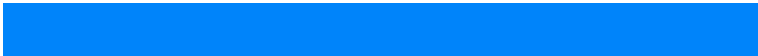
DF168A



9E6D00



009062



0084FA

# Rectangle

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



DF168A



D6401E



009062



0090CE



# Sweetspot

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



DF168A



FFBAE2



6A16DF



80576E



000000



808080



# Same Dimension

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



DF168A



FF0093



DF1627



70656B



B00066



30001C



# Inverse Universe

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



DF168A



FF0093



16DFCE



70656B



B00066



30001C



# Previews

## White Background



This preview shows how the Hex color DF168A looks on a white background.

## Color Contrast Check

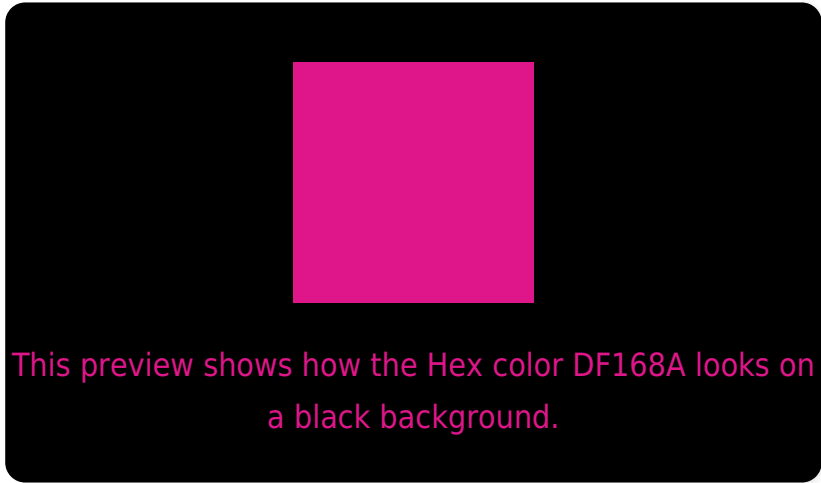
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 DF168A Background



This preview shows how black text looks on a background with the Hex color DF168A.

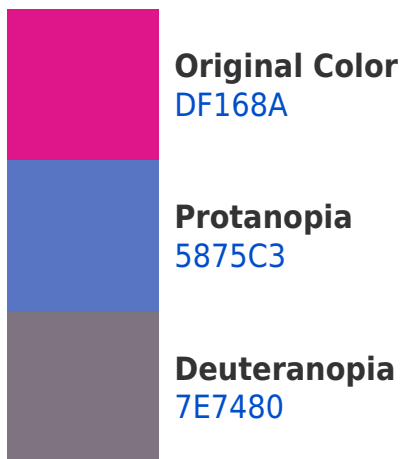


This preview shows how white text looks on a background with the Hex color DF168A.

# 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**  
DF168A



**Protanomaly**  
8952AE



**Deuteranomaly**  
A15284



**Tritanomaly**  
DC2C58

# Monochromacy



**Original Color**  
DF168A



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
8E446F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF168A 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 #DF168A looks like.

```
.text, #text, p{  
    color:#DF168A  
}
```

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 #DF168A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF168A
}
```

## Border

The CSS property to change the border of an element to Hex DF168A 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
#DF168A }
```

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

```
.border{ border-color:#DF168A }
```

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

Here you see how a box with a 4 pixel #DF168A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF168A; -webkit-box-shadow:4px 4px  
4px 4px #DF168A; box-shadow:4px 4px 4px  
4px #DF168A }
```

# Background

The CSS property to change the background color of an element to Hex DF168A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF168A }
```

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

```
.background{ background-color:#DF168A }
```

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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