

Converting Colors

Hex(DF5198)

Have a look what the booklet for
Hex(DF5198) contains.

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Color

Hex(DF5198)

Conversions

Conversions Part 1

Format	Color
Hex	DF5198
RGB	223, 81, 152
RGB Percent	87%, 32%, 60%
CMY	0.1255, 0.6824, 0.4039
CMYK	0.00, 0.64, 0.32, 0.13
HSL	330°, 69%, 60%
HSV	330°, 64%, 87%
XYZ	39.0414, 23.8398, 32.2496
YIQ	131.5520, 61.8410, 52.1850

Conversions

Conversions Part 2

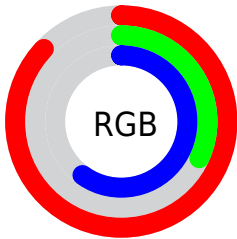
Format	Color
R _Y B	223, 81, 152
Decimal	14635416
CIE Lab	55.93, 61.65, -9.30
CIE LCh	56, 62.345, 351.417
Yxy	23.8398, 0.4104, 0.2506
Android (android.graphics.Color)	4292825496 (0xFFDF5198)
YUV	131.5520, 10.0809, 80.1999
Hunter-Lab	48.8261, 57.2832, -4.9828

Details

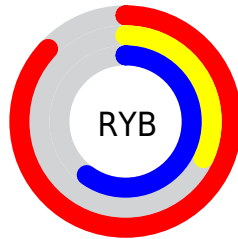
The Hex color **DF5198** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **51DF98**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF8ACE**, and **A40865** is the 20% darker color. If you saturate the color by 10%, you get **DF3B8D**, and if you desaturate by 10%, it is **DF67A3**.

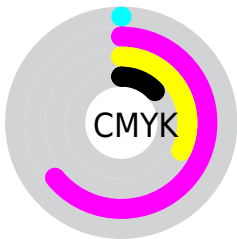
Distribution



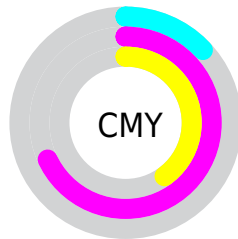
- Red (87%)
- Green (32%)
- Blue (60%)



- Red (87%)
- Yellow (32%)
- Blue (60%)



- Cyan (0%)
- Magenta (64%)
- Yellow (32%)
- Black (13%)



- Cyan (13%)
- Magenta (68%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF5198 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 DF5198 by changing the saturation by 10% instead.

 DF5198

 DF5198

FFFFFF

 C1337E

 FF8ACE

 A40865

 FFA6EA

 87004D

 FFC3FF

 6A0036

 FFE0FF

 4E0021

FFFEFF

 340008

 030000

 000000

 DF5198

 DF5198

DF3B8D

DF67A3

DF2482

DF7EAE

DF0E77

DF94B9

DF0070

DFAAC5

DFC1D0

DFD7DB

DFEDE6

DFFFF1

DFFFFC

Harmonies

Analogous

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



B865CA



DF5198



E65362

Triad

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



DF5198



7B8F09



009BDA

Complementary

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



DF5198



51DF98

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.



009FAC



DF5198



31993E

Square

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



DF5198



AD7E00



009E74



0091F1

Rectangle

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



DF5198



DC6041



009E74



009DCD

Sweetspot

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



DF5198



FFCFE7



9851DF



806271



000000



808080

Same Dimension

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



DF5198



FF3D9E



DF5151



70656B



B00058



300018

Inverse Universe

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



DF5198



FF3D9E



51DFDF



70656B



B00058



300018

Previews

White Background



This preview shows how the Hex color DF5198 looks on a white background.

Color Contrast Check

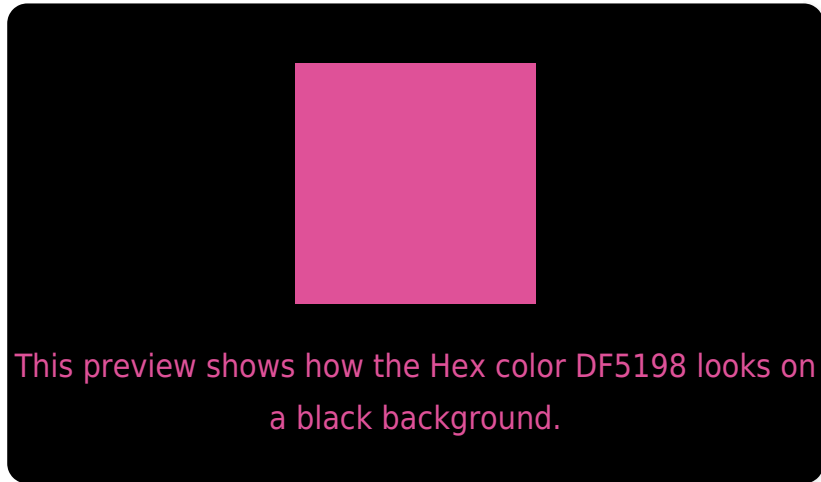
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF5198 Background



This preview shows how black text looks on a background with the Hex color DF5198.



This preview shows how white text looks on a background with the Hex color DF5198.

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



Original Color
DF5198

Protanopia
7685BB

Deuteranopia
8F8391



Tritanopia
DB5D63

Trichromacy



Original Color
DF5198



Protanomaly
9C72AE



Deuteranomaly
AC7194



Tritanomaly
DC5976

Monochromacy



Original Color
DF5198



Achromatopsia
848484



Achromatomaly
A5718B

CSS Examples

Text

The CSS property to change the color of the text to Hex DF5198 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 #DF5198 looks like.

```
.text, #text, p{  
    color:#DF5198  
}
```

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 #DF5198 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF5198
}
```

Border

The CSS property to change the border of an element to Hex DF5198 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
#DF5198 }
```

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

```
.border{ border-color:#DF5198 }
```

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

Here you see how a box with a 4 pixel #DF5198 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF5198; -webkit-box-shadow:4px 4px  
4px 4px #DF5198; box-shadow:4px 4px 4px  
4px #DF5198 }
```

Background

The CSS property to change the background color of an element to Hex DF5198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF5198 }
```

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

```
.background{ background-color:#DF5198 }
```

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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