

# Converting Colors

Hex(DFC4F5)

Have a look what the booklet for  
Hex(DFC4F5) contains.

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# **Color**

**Hex(DFC4F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFC4F5
RGB	223, 196, 245
RGB Percent	87%, 77%, 96%
CMY	0.1255, 0.2314, 0.0392
CMYK	0.09, 0.20, 0.00, 0.04
HSL	273°, 71%, 86%
HSV	273°, 20%, 96%
XYZ	66.6528, 61.7604, 94.7942
YIQ	209.6590, 0.3630, 20.9630

# Conversions

## Conversions Part 2

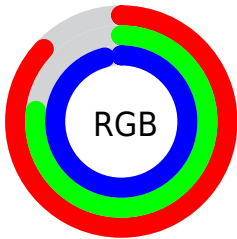
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 196, 245
Decimal	14664949
CIE Lab	82.79, 18.42, -20.65
CIE LCh	83, 27.671, 311.727
Yxy	61.7604, 0.2986, 0.2767
Android (android.graphics.Color)	4292855029 (0xFFDFC4F5)
YUV	209.6590, 17.4231, 11.7001
Hunter-Lab	78.5878, 13.8629, -16.5053

# Details

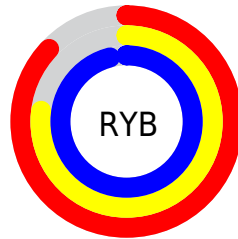
The Hex color **DFC4F5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DAF5C4**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFDFFF**, and **A88EBD** is the 20% darker color. If you saturate the color by 10%, you get **D4ABF5**, and if you desaturate by 10%, it is **EADDF5**.

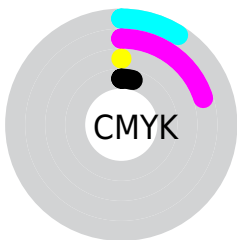
# Distribution



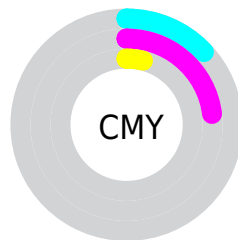
- Red (87%)
- Green (77%)
- Blue (96%)



- Red (87%)
- Yellow (77%)
- Blue (96%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (23%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFC4F5 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 DFC4F5 by changing the saturation by 10% instead.



 DFC4F5

FFFFFF

 FFFDF5

 DFC4F5

 C3A9D8

 A88EBD

 8D75A2

 735C87

 5A446E

 422E55

 2B183E

 180028

 000112

 DFC4F5

 DFC4F5

 D4ABF5

 EADDF5

 C993F5

 F5F5F5

 BE7BF5

 FFFFF5

 B362F5

 A84AF5

 9D31F5

 9218F5

 8700F5

# Harmonies

## Analogous

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



BDCDFE



DFC4F5



F8BDDF

# Triad

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



DFC4F5



F0C79D



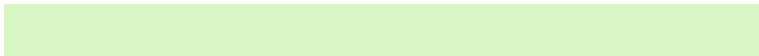
87DDD8

# Complementary

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



DFC4F5



DAF5C4

# 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.



9DDCBD



DFC4F5



D7D09B

# Square

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



D4C4F5



FFB74D



B8E03E



85C1E9

# Rectangle

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



DFC4F5



FFBBCE



BAD7A7



8DDDCF



# Sweetspot

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



DFC4F5



F8F0FF



C4DAF5



7B7780



000000



808080



# Same Dimension

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



DFC4F5



E4C2FF



F5C4F3



756E7A



6700BA



20003B



# Inverse Universe

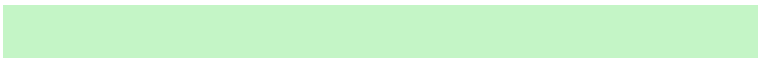
The Inverse Universe completely reimagines the original color for something new.



F5C4DA



FFC2DD



C4F5C6



7A6E74



BA0054



3B001A



# Previews

## White Background



This preview shows how the Hex color DFC4F5 looks on a white background.

## Color Contrast Check

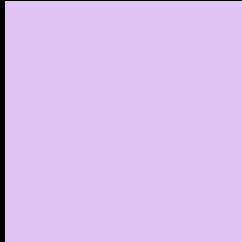
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color DFC4F5 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DFC4F5 Background



This preview shows how black text looks on a background with the Hex color DFC4F5.

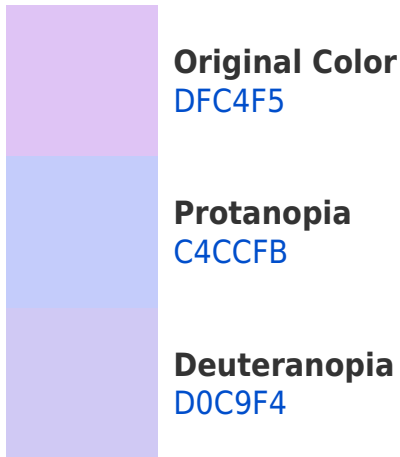


This preview shows how white text looks on a background with the Hex color DFC4F5.

# 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**  
DBC9D9

# Trichromacy



**Original Color**  
DFC4F5

**Protanomaly**  
CEC9F9

**Deuteranomaly**  
D5C7F4

**Tritanomaly**  
DCC7E3

# Monochromacy



**Original Color**  
DFC4F5

**Achromatopsia**  
D2D2D2

**Achromatomaly**  
D7CDDF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFC4F5 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 #DFC4F5 looks like.

```
.text, #text, p{  
    color:#DFC4F5  
}
```

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 #DFC4F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFC4F5
}
```

## Border

The CSS property to change the border of an element to Hex DFC4F5 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
#DFC4F5 }
```

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

```
.border{ border-color:#DFC4F5 }
```

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

Here you see how a box with a 4 pixel #DFC4F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFC4F5; -webkit-box-shadow:4px 4px  
4px 4px #DFC4F5; box-shadow:4px 4px 4px  
4px #DFC4F5 }
```

# Background

The CSS property to change the background color of an element to Hex DFC4F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFC4F5 }
```

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

```
.background{ background-color:#DFC4F5 }
```

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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