

# Converting Colors

Hex(DDD4F3)

Have a look what the booklet for  
Hex(DDD4F3) contains.

<b>Hex(DDD4F3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DDD4F3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DDD4F3
RGB	221, 212, 243
RGB Percent	87%, 83%, 95%
CMY	0.1333, 0.1686, 0.0471
CMYK	0.09, 0.13, 0.00, 0.05
HSL	257°, 56%, 89%
HSV	257°, 13%, 95%
XYZ	69.5399, 68.9302, 94.4337
YIQ	218.2250, -4.5870, 11.5490

# Conversions

## Conversions Part 2

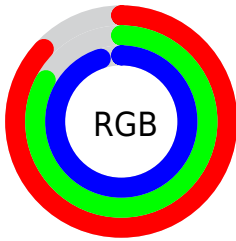
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	221, 212, 243
Decimal	14537971
CIE Lab	86.47, 8.86, -14.06
CIE LCh	86, 16.619, 302.230
Yxy	68.9302, 0.2986, 0.2960
Android (android.graphics.Color)	4292728051 (0xFFDDD4F3)
YUV	218.2250, 12.2141, 2.4337
Hunter-Lab	83.0242, 4.2168, -9.3209

# Details

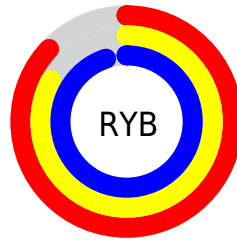
The Hex color **DDD4F3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EAF3D4**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **A69DBB** is the 20% darker color. If you saturate the color by 10%, you get **CCBCF3**, and if you desaturate by 10%, it is **EEECF3**.

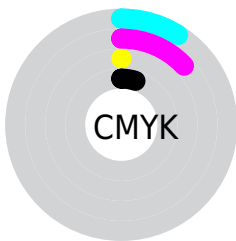
# Distribution



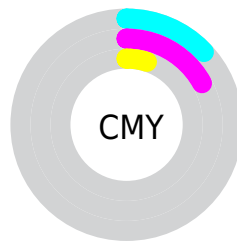
- Red (87%)
- Green (83%)
- Blue (95%)



- Red (87%)
- Yellow (83%)
- Blue (95%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



- Cyan (13%)
- Magenta (17%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDD4F3 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 DDD4F3 by changing the saturation by 10% instead.



■ DDD4F3

FFFFFF

■ DDD4F3

■ C1B8D7

■ A69DBB

■ 8B83A0

■ 726A86

■ 59526C

■ 413B54

■ 2B253D

■ 161127

■ 000112

 DDD4F3

 DDD4F3

 CCBCF3

 EEECF3

 BBA3F3

 FFFFF3

 A98BF3

 9873F3

 875BF3

 7642F3

 642AF3

 5312F3

 4700F3

# Harmonies

## Analogous

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



C9D9F8



DDD4F3



EED0E7

# Triad

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



DDD4F3



F2D3BD



B4E2D9

# Complementary

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



DDD4F3



EAF3D4

# 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.



C1E0C9



DDD4F3



E4D8B9

# Square

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



DDD4F3



FACFC8



D2DDBE



B0E1E9

# Rectangle

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



DDD4F3



F6CEDD



D2DDBE



B7E1D4



# Sweetspot

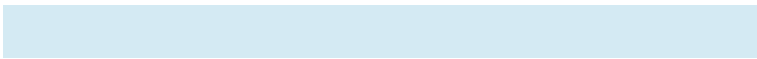
The Sweet Spot groups the original color and five complimentary colors.



DDD4F3



F8F5FF



D4EAF3



7B7980



000000



808080



# Same Dimension

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



DDD4F3



E4D9FF



ECD4F3



726E7A



3600BA



11003B



# Inverse Universe

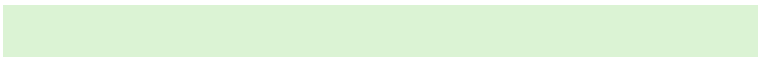
The Inverse Universe completely reimagines the original color for something new.



F3D4EA



FFD9F4



DBF3D4



7A6E77



BA0084

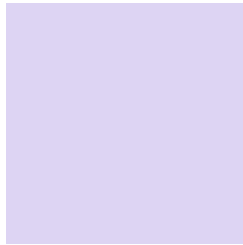


3B002A



# Previews

## White Background



This preview shows how the Hex color DDD4F3 looks on a white background.

## Color Contrast Check

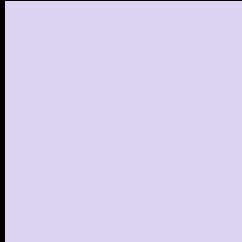
Large Text (above 18pt) WCAG AA × Fail

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 DDD4F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

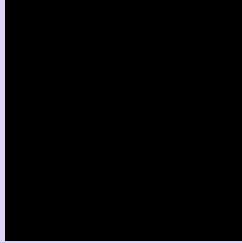
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DDD4F3 Background



This preview shows how black text looks on a background with the Hex color DDD4F3.



This preview shows how white text looks on a background with the Hex color DDD4F3.

# 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**  
DDD4F3

**Protanopia**  
D4D7F5

**Deuteranopia**  
E1D3F3



**Tritanopia**  
DBD6E7

# Trichromacy



**Original Color**  
DDD4F3

**Protanomaly**  
D7D6F4

**Deuteranomaly**  
E0D3F3

**Tritanomaly**  
DCD5EB

# Monochromacy



**Original Color**  
DDD4F3

**Achromatopsia**  
DADADA

**Achromatomaly**  
DBD8E3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDD4F3 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 #DDD4F3 looks like.

```
.text, #text, p{  
    color:#DDD4F3  
}
```

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 #DDD4F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDD4F3
}
```

## Border

The CSS property to change the border of an element to Hex DDD4F3 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
#DDD4F3 }
```

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

```
.border{ border-color:#DDD4F3 }
```

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

Here you see how a box with a 4 pixel #DDD4F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDD4F3; -webkit-box-shadow:4px 4px  
4px 4px #DDD4F3; box-shadow:4px 4px 4px  
4px #DDD4F3 }
```

# Background

The CSS property to change the background color of an element to Hex DDD4F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDD4F3 }
```

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

```
.background{ background-color:#DDD4F3 }
```

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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