

# Converting Colors

Hex(DDF399)

Have a look what the booklet for  
Hex(DDF399) contains.

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# **Color**

**Hex(DDF399)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDF399
RGB	221, 243, 153
RGB Percent	87%, 95%, 60%
CMY	0.1333, 0.0471, 0.4000
CMYK	0.09, 0.00, 0.37, 0.05
HSL	75°, 79%, 78%
HSV	75°, 37%, 95%
XYZ	67.6192, 81.7732, 42.3569
YIQ	226.1620, 15.7780, -32.6540

# Conversions

## Conversions Part 2

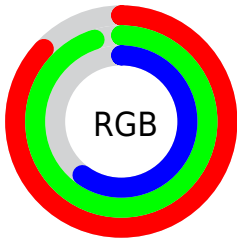
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">153, 243, 175</a>
Decimal	<a href="#">14545817</a>
<a href="#">CIELab</a>	<a href="#">92.47, -21.21, 41.03</a>
<a href="#">CIElCh</a>	<a href="#">92, 46.183, 117.337</a>
<a href="#">Yxy</a>	<a href="#">81.7732, 0.3526, 0.4265</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292735897 (0xFFDDDF399)</a>
<a href="#">YUV</a>	<a href="#">226.1620, -36.0689, -4.5271</a>
<a href="#">Hunter-Lab</a>	<a href="#">90.4286, -24.7742, 35.5285</a>

# Details

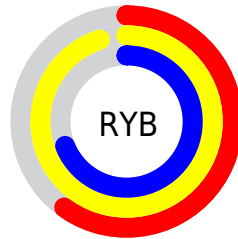
The Hex color **DDF399** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **AF99F3**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFD0**, and **A5BB64** is the 20% darker color. If you saturate the color by 10%, you get **D7F381**, and if you desaturate by 10%, it is **E3F3B1**.

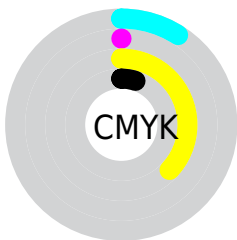
# Distribution



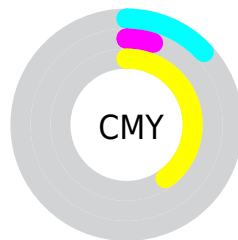
- Red (87%)
- Green (95%)
- Blue (60%)



- Red (60%)
- Yellow (95%)
- Blue (69%)



- Cyan (9%)
- Magenta (0%)
- Yellow (37%)
- Black (5%)



- Cyan (13%)
- Magenta (5%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDF399 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 DDF399 by changing the saturation by 10% instead.



 DDF399

FFFFFF

 FFFFD0

 FFFFED

 DDF399

 C1D77E

 A5BB64

 8AA04B

 6F8633

 556C19

 3C5400

 253D00

 0A2700

 001000

 DDF399

 DDF399

 D7F381

 E3F3B1

 D1F368

 E9F3CA

 CBF350

 EFF3E2

 C5F338

 F5F3FA

 BFF31F

 FBF3FF

 B9F307

 FFF3FF

 B8F300

# Harmonies

## Analogous

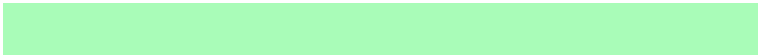
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE590



DDF399



A9FCB8

# Triad

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



DDF399



58FAFF



FFC7EF

# Complementary

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



DDF399



AF99F3

# 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.



FFD0FF



DDF399



A3EFFF

# Square

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



DDF399



3AFFFF



E9DFFF



FFCAC3

# Rectangle

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



DDF399



83FFD4



E9DFFF



FFC9FE

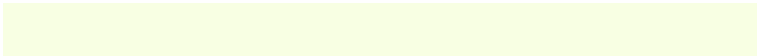


# Sweetspot

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



DDF399



F8FFE3



F3AE99



7B806F



000000



808080

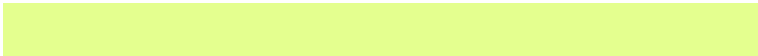


# Same Dimension

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



DDF399



E4FF8F



B1F399



777A6E



8DBA00



2C3B00



# Inverse Universe

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



AF99F3



AA8FFF



DB99F3



716E7A



2E00BA

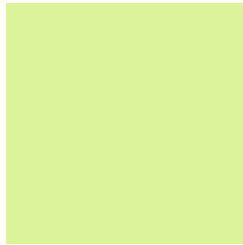


0E003B



# Previews

## White Background



This preview shows how the Hex color DDF399 looks on a white background.

## Color Contrast Check

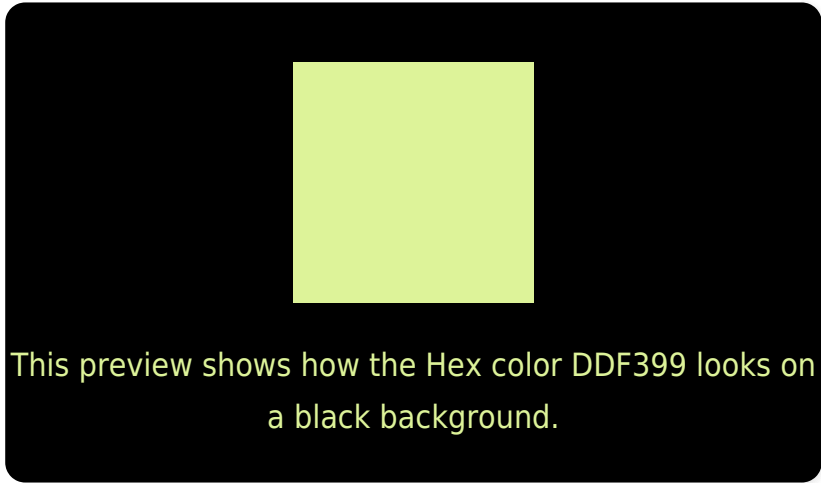
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

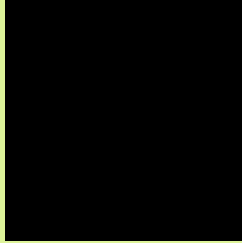
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DDF399 Background



This preview shows how black text looks on a background with the Hex color DDF399.

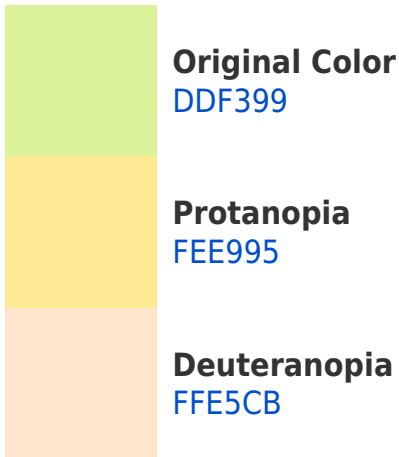


This preview shows how white text looks on a background with the Hex color DDF399.

# 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



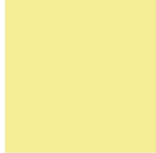


**Tritanopia**  
E9E7FA

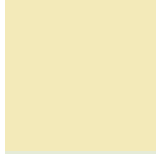
# Trichromacy



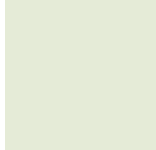
**Original Color**  
DDF399



**Protanomaly**  
F2ED96



**Deuteranomaly**  
F3EAB9

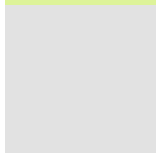


**Tritanomaly**  
E5EBD7

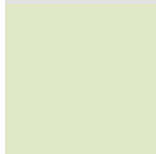
# Monochromacy



**Original Color**  
DDF399



**Achromatopsia**  
E2E2E2



**Achromatomaly**  
E0E8C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDF399 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 #DDF399 looks like.

```
.text, #text, p{  
    color:#DDF399  
}
```

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 #DDF399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDF399
}
```

## Border

The CSS property to change the border of an element to Hex DDF399 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
#DDF399 }
```

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

```
.border{ border-color:#DDF399 }
```

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

Here you see how a box with a 4 pixel #DDF399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDF399; -webkit-box-shadow:4px 4px  
4px 4px #DDF399; box-shadow:4px 4px 4px  
4px #DDF399 }
```

# Background

The CSS property to change the background color of an element to Hex DDF399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDF399 }
```

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

```
.background{ background-color:#DDF399 }
```

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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