

# Converting Colors

Hex(DDF79B)

Have a look what the booklet for  
Hex(DDF79B) contains.

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# **Color**

**Hex(DDF79B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDF79B
RGB	221, 247, 155
RGB Percent	87%, 97%, 61%
CMY	0.1333, 0.0314, 0.3922
CMYK	0.11, 0.00, 0.37, 0.03
HSL	77°, 85%, 79%
HSV	77°, 37%, 97%
XYZ	68.9960, 84.2602, 43.6377
YIQ	228.7380, 14.0360, -34.1240

# Conversions

## Conversions Part 2

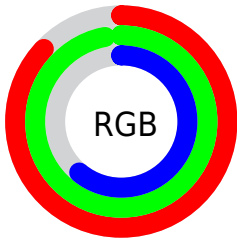
Format	Color
R <sub>YB</sub>	155, 247, 181
Decimal	14546843
CIE Lab	93.56, -22.89, 41.45
CIE LCh	94, 47.348, 118.913
Yxy	84.2602, 0.3504, 0.4279
Android (android.graphics.Color)	4292736923 (0xFFDDDF79B)
YUV	228.7380, -36.3528, -6.7862
Hunter-Lab	91.7934, -26.4699, 36.0694

# Details

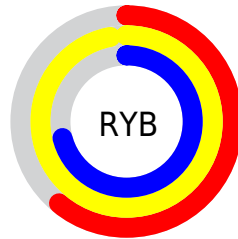
The Hex color **DDF79B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B59BF7**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFD2**, and **A5BF66** is the 20% darker color. If you saturate the color by 10%, you get **D6F782**, and if you desaturate by 10%, it is **E4F7B4**.

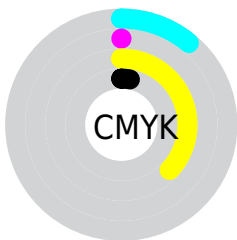
# Distribution



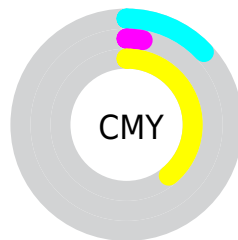
- Red (87%)
- Green (97%)
- Blue (61%)



- Red (61%)
- Yellow (97%)
- Blue (71%)



- Cyan (11%)
- Magenta (0%)
- Yellow (37%)
- Black (3%)



- Cyan (13%)
- Magenta (3%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDF79B 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 DDF79B by changing the saturation by 10% instead.



 DDF79B

 DDF79B

FFFFFF

 C1DA80

 FFFFD2

 A5BF66

 FFFFEF

 8AA34D

 6F8934

 55701B

 3C5700

 254000

 092900

 001500

 DDF79B

 DDF79B

 D6F782

 E4F7B4

 CFF76A

 EBF7CC

 C8F751

 F2F7E5

 C1F738

 F9F7FE

 BAF71F

 FFF7FF

 B3F707

 B1F700

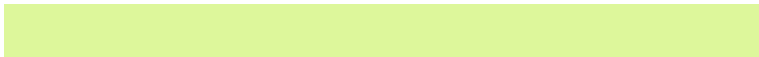
# Harmonies

## Analogous

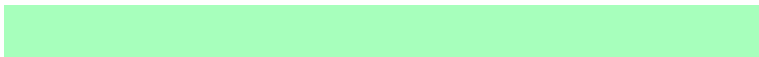
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE991



DDF79B



A7FFBC

# Triad

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



DDF79B



58FEFF



FFC9F0

# Complementary

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



DDF79B



B59BF7

# 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.



FFD2FF



DDF79B



A8F1FF

# Square

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



DDF79B



31FFFF



EFE1FF



FFCDC3

# Rectangle

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



DDF79B



7FFFD9



EFE1FF



FFCBFF

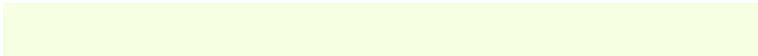


# Sweetspot

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



DDF79B



F7FFE3



F7B49B



7B806F



000000



808080

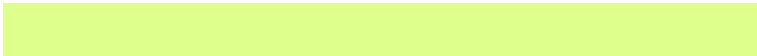


# Same Dimension

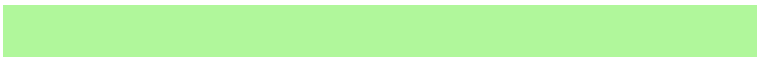
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DDF79B



DFFF8C



B0F79B



777A6E



86BA00



2A3B00



# Inverse Universe

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



B59BF7



AD8CFF



E29BF7



726E7A



3500BA

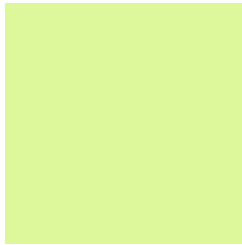


11003B



# Previews

## White Background



This preview shows how the Hex color DDF79B looks on a white background.

## Color Contrast Check

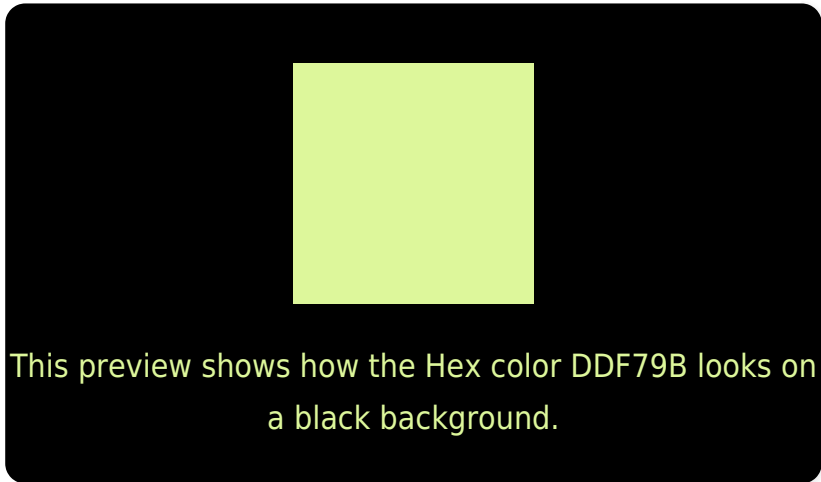
Large Text (above 18pt) WCAG AA × Fail

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

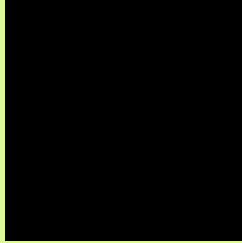
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DDF79B Background



This preview shows how black text looks on a background with the Hex color DDF79B.

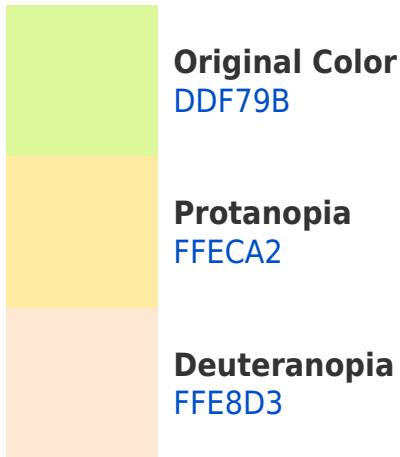


This preview shows how white text looks on a background with the Hex color DDF79B.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDF79B 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 #DDF79B looks like.

```
.text, #text, p{  
    color:#DDF79B  
}
```

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 #DDF79B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDF79B
}
```

## Border

The CSS property to change the border of an element to Hex DDF79B 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
#DDF79B }
```

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

```
.border{ border-color:#DDF79B }
```

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

Here you see how a box with a 4 pixel #DDF79B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDF79B; -webkit-box-shadow:4px 4px  
4px 4px #DDF79B; box-shadow:4px 4px 4px  
4px #DDF79B }
```

# Background

The CSS property to change the background color of an element to Hex DDF79B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDF79B }
```

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

```
.background{ background-color:#DDF79B }
```

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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