

# Converting Colors

Hex(DDFA82)

Have a look what the booklet for  
Hex(DDFA82) contains.

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# Color

**Hex(DDFA82)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | DDFA82                      |
| RGB         | 221, 250, 130               |
| RGB Percent | 87%, 98%, 51%               |
| CMY         | 0.1333, 0.0196, 0.4902      |
| CMYK        | 0.12, 0.00, 0.48, 0.02      |
| HSL         | 74°, 92%, 75%               |
| HSV         | 74°, 48%, 98%               |
| XYZ         | 68.0337, 85.3551, 34.0085   |
| YIQ         | 227.6490, 21.2360, -43.4680 |

# Conversions

## Conversions Part 2

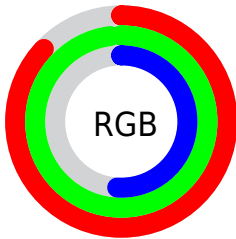
| Format   | Color   |
|--|---|
| <a href="#">RYB</a>                                  | <a href="#">130, 250, 159</a>                   |
| Decimal  | <a href="#">14547586</a>                        |
| <a href="#">CIELab</a>                               | <a href="#">94.04, -27.03, 54.02</a>            |
| <a href="#">CIElCh</a>                               | <a href="#">94, 60.403, 116.580</a>             |
| <a href="#">Yxy</a>                                  | <a href="#">85.3551, 0.3630,<br/>0.4555</a>     |
| <a href="#">Android<br/>(android.graphics.Color)</a> | <a href="#">4292737666<br/>(0xFFDDFA82)</a>     |
| <a href="#">YUV</a>                                  | <a href="#">227.6490, -48.1410,<br/>-5.8312</a> |
| <a href="#">Hunter-Lab</a>                           | <a href="#">92.3878, -30.2327,<br/>42.8465</a>  |

# Details

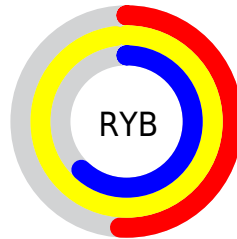
The Hex color **DDFA82** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **9F82FA**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFB9**, and **A4C14D** is the 20% darker color. If you saturate the color by 10%, you get **D7FA69**, and if you desaturate by 10%, it is **E3FA9B**.

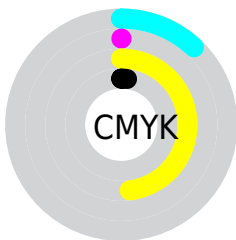
# Distribution



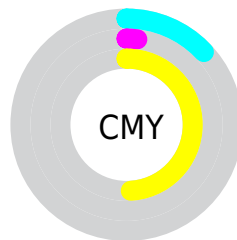
- Red (87%)
- Green (98%)
- Blue (51%)



- Red (51%)
- Yellow (98%)
- Blue (62%)



- Cyan (12%)
- Magenta (0%)
- Yellow (48%)
- Black (2%)



- Cyan (13%)
- Magenta (2%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDFA82 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 DDFA82 by changing the saturation by 10% instead.



 DDFA82

 DDFA82

FFFFFF

 C0DD67

 FFFFB9

 A4C14D

 FFFFD6

 88A632

 FFFFF3

 6D8C13

 527200

 395A00

 1E4200

 002B00

 001700

 DDFA82

 DDFA82

 D7FA69

 E3FA9B

 D1FA50

 E9FAB4

 CBFA37

 EFFACD

 C5FA1E

 F5FAE6

 BFFA05

 FBFAFF

 BEFA00

 FFFAFF

# Harmonies

## Analogous

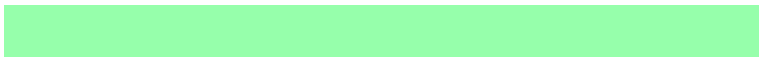
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE877



DDFA82



96FFAB

# Triad

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



DDFA82



00FFFF



FFBEF7

# Complementary

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



DDFA82



9F82FA

# 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.



FFCBFF



DDFA82



7BF6FF

# Square

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



DDFA82



00FFFF



E8E1FF



FFC2BD

# Rectangle

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



DDFA82



54FFD1



E8E1FF



FFC1FF



# Sweetspot

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



DDFA82



F6FFDB



FA9E82



7A806A



000000



808080



# Same Dimension

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



DDFA82



DBFF6B



A2FA82



7A7D70



8FBD00



2E3D00



# Inverse Universe

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



9F82FA



8F6BFF



DA82FA



73707D



2E00BD



0F003D



# Previews

## White Background



This preview shows how the Hex color DDF8A2 looks on a white background.

## Color Contrast Check

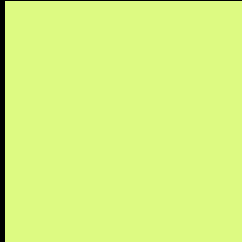
Large Text (above 18pt) WCAG AA × Fail

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 DDF882 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 DDFA82 Background



This preview shows how black text looks on a background with the Hex color DDFA82.

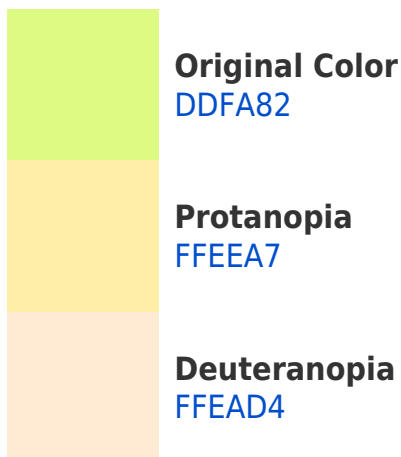


This preview shows how white text looks on a background with the Hex color DDFA82.

# 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 DDF8A2 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 #DDFA82 looks like.

```
.text, #text, p{  
    color:#DDFA82  
}
```

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 #DDFA82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDFA82
}
```

## Border

The CSS property to change the border of an element to Hex DDFA82 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
#DDFA82 }
```

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

```
.border{ border-color:#DDFA82 }
```

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

Here you see how a box with a 4 pixel #DDFA82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDFA82; -webkit-box-shadow:4px 4px  
4px 4px #DDFA82; box-shadow:4px 4px 4px  
4px #DDFA82 }
```

# Background

The CSS property to change the background color of an element to Hex DDFA82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDFA82 }
```

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

```
.background{ background-color:#DDFA82 }
```

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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