

# Converting Colors

Hex(DDF8B5)

Have a look what the booklet for  
Hex(DDF8B5) contains.

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# **Color**

**Hex(DDF8B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDF8B5
RGB	221, 248, 181
RGB Percent	87%, 97%, 71%
CMY	0.1333, 0.0275, 0.2902
CMYK	0.11, 0.00, 0.27, 0.03
HSL	84°, 83%, 84%
HSV	84°, 27%, 97%
XYZ	71.7267, 85.8432, 56.5050
YIQ	232.2890, 5.4150, -26.5610

# Conversions

## Conversions Part 2

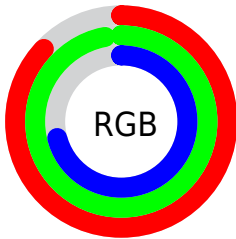
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 248, 208
Decimal	14547125
CIELab	94.25, -19.98, 29.36
CIELCh	94, 35.511, 124.237
Yxy	85.8432, 0.3351, 0.4010
Android (android.graphics.Color)	4292737205 (0xFFDDF8B5)
YUV	232.2890, -25.2855, -9.9005
Hunter-Lab	92.6516, -23.9536, 28.6971

# Details

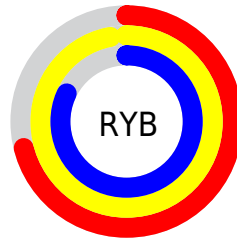
The Hex color **DDF8B5** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **D0B5F8**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFED**, and **A5C080** is the 20% darker color. If you saturate the color by 10%, you get **D3F89C**, and if you desaturate by 10%, it is **E7F8CE**.

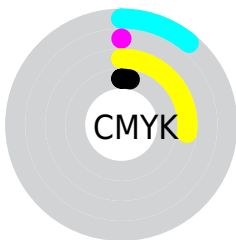
# Distribution



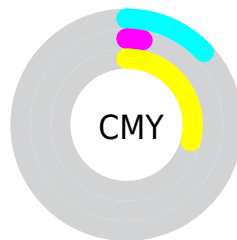
- Red (87%)
- Green (97%)
- Blue (71%)



- Red (71%)
- Yellow (97%)
- Blue (82%)



- Cyan (11%)
- Magenta (0%)
- Yellow (27%)
- Black (3%)



- Cyan (13%)
- Magenta (3%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDF8B5 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 DDF8B5 by changing the saturation by 10% instead.



 DDF8B5

FFFFFF

 FFFFED

 DDF8B5

 C1DB9A

 A5C080

 8BA466

 708A4E

 577136

 3F581F

 274007

 122A00

 001700

 DDF8B5

 DDF8B5

 D3F89C

 E7F8CE

 C9F883

 F1F8E7

 BFF86B

 FBF8FF

 B5F852

 FFF8FF

 ABF839

 A1F820

 97F807

 94F800

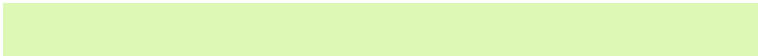
# Harmonies

## Analogous

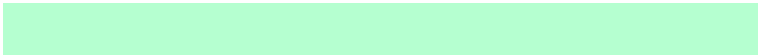
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEEAA



DDF8B5



B5FFD0

# Triad

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



DDF8B5



9CFAFF



FFD5EB

# Complementary

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



DDF8B5



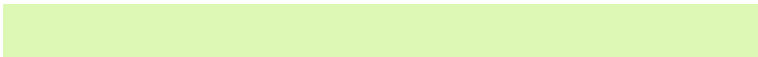
D0B5F8

# Split Complementary

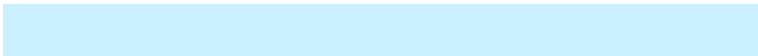
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDAFF



DDF8B5



CAFOFF

# Square

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



DDF8B5



85FFFF



FAE4FF



FFD9C9

# Rectangle

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



DDF8B5



9DFFE6



FAE4FF



FFD6F7



# Sweetspot

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



DDF8B5



F7FFEB



F8D0B5



7A8073



000000

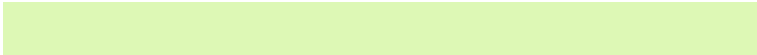


808080

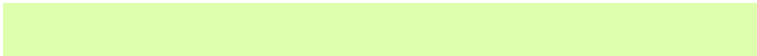


# Same Dimension

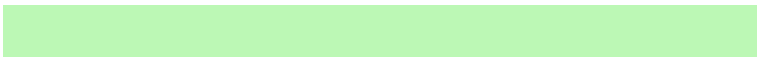
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DDF8B5



DEFFAD



BCF8B5



787D70



71BD00



253D00



# Inverse Universe

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



D0B5F8



CEADFF



F1B5F8



75707D



4C00BD

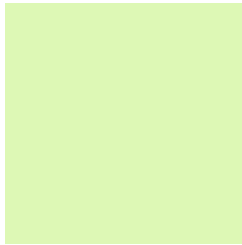


19003D



# Previews

## White Background



This preview shows how the Hex color DDF8B5 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 DDF8B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

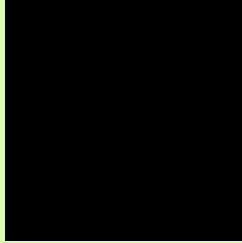
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

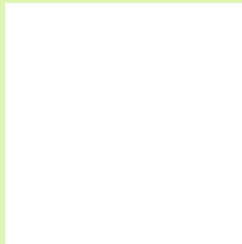
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DDF8B5 Background



This preview shows how black text looks on a background with the Hex color DDF8B5.

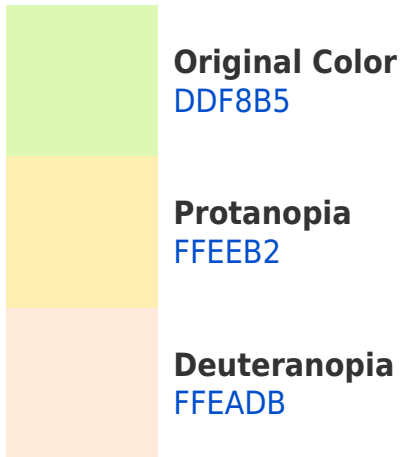


This preview shows how white text looks on a background with the Hex color DDF8B5.

# 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



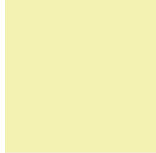


**Tritanopia**  
E9EEFF

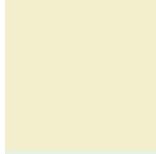
# Trichromacy



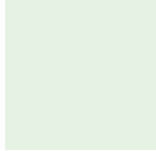
**Original Color**  
DDF8B5



**Protanomaly**  
F3F2B3

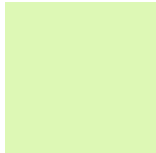


**Deuteranomaly**  
F3EFCD

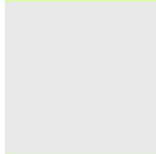


**Tritanomaly**  
E5F2E4

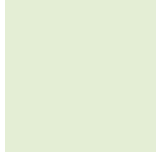
# Monochromacy



**Original Color**  
DDF8B5



**Achromatopsia**  
E8E8E8



**Achromatomaly**  
E4EED5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDF8B5 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 #DDF8B5 looks like.

```
.text, #text, p{  
    color:#DDF8B5  
}
```

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 #DDF8B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDF8B5
}
```

## Border

The CSS property to change the border of an element to Hex DDF8B5 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
#DDF8B5 }
```

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

```
.border{ border-color:#DDF8B5 }
```

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

Here you see how a box with a 4 pixel #DDF8B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDF8B5; -webkit-box-shadow:4px 4px  
4px 4px #DDF8B5; box-shadow:4px 4px 4px  
4px #DDF8B5 }
```

# Background

The CSS property to change the background color of an element to Hex DDF8B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDF8B5 }
```

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

```
.background{ background-color:#DDF8B5 }
```

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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