

Converting Colors

Hex(D9FBA5)

Have a look what the booklet for
Hex(D9FBA5) contains.

Hex(D9FBA5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D9FBA5)

Conversions

Conversions Part 1

Format	Color
Hex	D9FBA5
RGB	217, 251, 165
RGB Percent	85%, 98%, 65%
CMY	0.1490, 0.0157, 0.3529
CMYK	0.14, 0.00, 0.34, 0.02
HSL	84°, 91%, 82%
HSV	84°, 34%, 98%
XYZ	69.9040, 86.4627, 48.6019
YIQ	231.0300, 7.3420, -33.9540

Conversions

Conversions Part 2

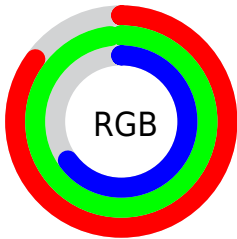
Format	Color
RYB	165, 251, 199
Decimal	14285733
CIELab	94.51, -25.01, 37.69
CIELCh	95, 45.229, 123.569
Yxy	86.4627, 0.3410, 0.4218
Android (android.graphics.Color)	4292475813 (0xFFD9FBA5)
YUV	231.0300, -32.5528, -12.3043
Hunter-Lab	92.9853, -28.5326, 34.0998

Details

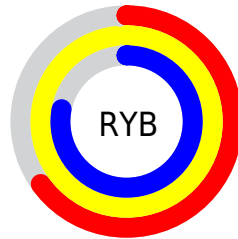
The Hex color **D9FBA5** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C7A5FB**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFDD**, and **A1C270** is the 20% darker color. If you saturate the color by 10%, you get **CFFB8C**, and if you desaturate by 10%, it is **E3FBBE**.

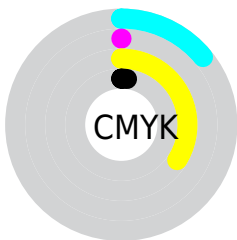
Distribution



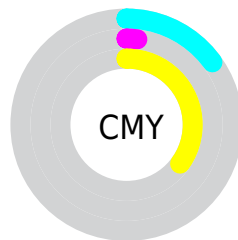
- Red (85%)
- Green (98%)
- Blue (65%)



- Red (65%)
- Yellow (98%)
- Blue (78%)



- Cyan (14%)
- Magenta (0%)
- Yellow (34%)
- Black (2%)



- Cyan (15%)
- Magenta (2%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9FBA5 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 D9FBA5 by changing the saturation by 10% instead.

 D9FBA5

FFFFFF


 FFFFDD

 FFFFFA

 D9FBA5

 BDDE8A

 A1C270

 86A757

 6C8D3E

 527326

 395A0C

 214300

 062C00

 001800

 D9FBA5

 D9FBA5

 CFFB8C

 E3FBBE

 C5FB73

 EDFBD7

 BBFB5A

 F7FBF0

 B1FB41

 FFFBFF

 A7FB28

 9DFB0E

 98FB00

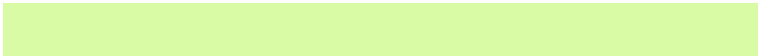
Harmonies

Analogous

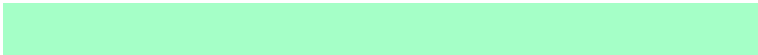
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEE97



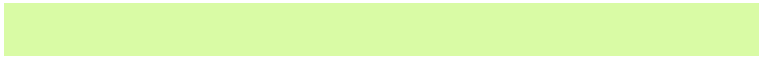
D9FBA5



A5FFC7

Triad

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



D9FBA5



74FEFF



FFCEEC

Complementary

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



D9FBA5



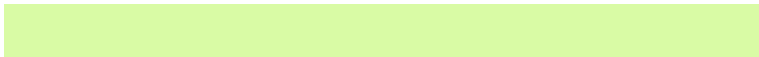
C7A5FB

Split Complementary

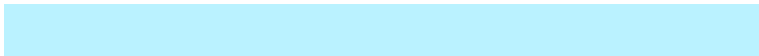
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD4FF



D9FBA5



BAF2FF

Square

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



D9FBA5



4BFFFF



FCE2FF



FFD2C1

Rectangle

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



D9FBA5



80FFE4



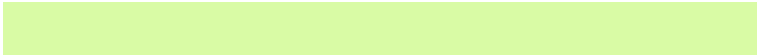
FCE2FF



FFCEFA

Sweetspot

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



D9FBA5



F5FFE6



FBC6A5



798070



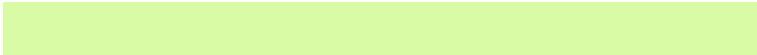
000000



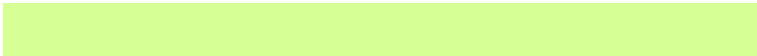
808080

Same Dimension

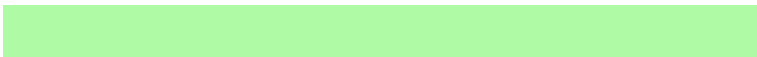
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D9FBA5



D6FF96



AFFBA5



787D70



72BD00



253D00

Inverse Universe

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



C7A5FB



C096FF



F1A5FB



75707D



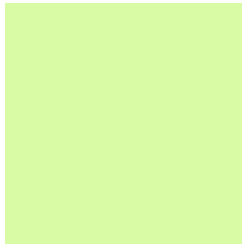
4B00BD



18003D

Previews

White Background



This preview shows how the Hex color D9FBA5 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 D9FBA5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

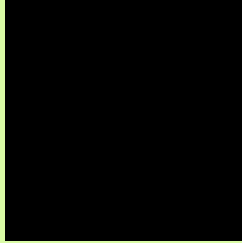
Any Text WCAG AA ✓ Pass

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 D9FBA5 Background



This preview shows how black text looks on a background with the Hex color D9FBA5.

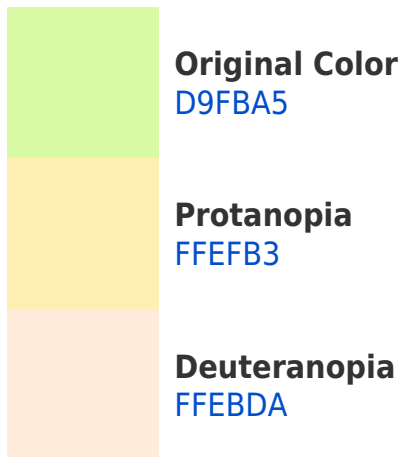


This preview shows how white text looks on a background with the Hex color D9FBA5.

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



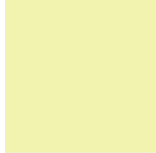


Tritanopia
E8EFFF

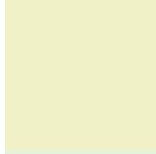
Trichromacy



Original Color
D9FBA5



Protanomaly
F1F3AE



Deuteranomaly
F1F1C7

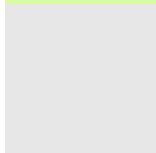


Tritanomaly
E3F3DE

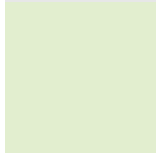
Monochromacy



Original Color
D9FBA5



Achromatopsia
E7E7E7



Achromatomaly
E2EECF

CSS Examples

Text

The CSS property to change the color of the text to Hex D9FBA5 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 #D9FBA5 looks like.

```
.text, #text, p{  
    color:#D9FBA5  
}
```

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 #D9FBA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9FBA5
}
```

Border

The CSS property to change the border of an element to Hex D9FBA5 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
#D9FBA5 }
```

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

```
.border{ border-color:#D9FBA5 }
```

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

Here you see how a box with a 4 pixel #D9FBA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9FBA5; -webkit-box-shadow:4px 4px  
4px 4px #D9FBA5; box-shadow:4px 4px 4px  
4px #D9FBA5 }
```

Background

The CSS property to change the background color of an element to Hex D9FBA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9FBA5 }
```

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

```
.background{ background-color:#D9FBA5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor