

Converting Colors

Hex(D5F5B1)

Have a look what the booklet for
Hex(D5F5B1) contains.

Hex(D5F5B1)	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(D5F5B1)

Conversions

Conversions Part 1

Format	Color
Hex	D5F5B1
RGB	213, 245, 177
RGB Percent	84%, 96%, 69%
CMY	0.1647, 0.0392, 0.3059
CMYK	0.13, 0.00, 0.28, 0.04
HSL	88°, 77%, 83%
HSV	88°, 28%, 96%
XYZ	68.0288, 82.6253, 53.9577
YIQ	227.6800, 2.7560, -27.9320

Conversions

Conversions Part 2

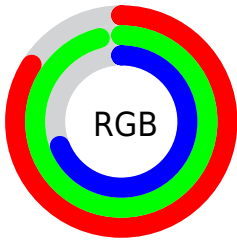
Format	Color
RYB	177, 245, 209
Decimal	14022065
CIELab	92.85, -21.93, 29.40
CIELCh	93, 36.680, 126.712
Yxy	82.6253, 0.3325, 0.4038
Android (android.graphics.Color)	4292212145 (0xFFD5F5B1)
YUV	227.6800, -24.9852, -12.8744
Hunter-Lab	90.8984, -25.4821, 28.4341

Details

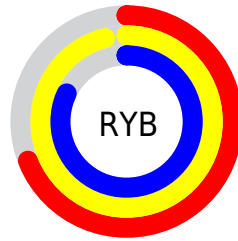
The Hex color **D5F5B1** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **D1B1F5**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFE9**, and **9EBD7C** is the 20% darker color. If you saturate the color by 10%, you get **C9F599**, and if you desaturate by 10%, it is **E1F5CA**.

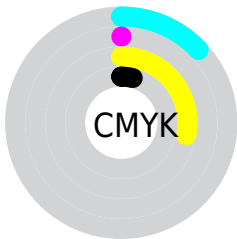
Distribution



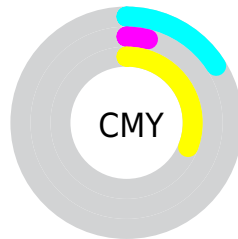
- Red (84%)
- Green (96%)
- Blue (69%)



- Red (69%)
- Yellow (96%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (28%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5F5B1 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 D5F5B1 by changing the saturation by 10% instead.

 D5F5B1

FFFFFF

 FFFFE9

 D5F5B1

 B9D896

 9EBD7C

 83A263

 69874A

 506E32

 38551C

 203E03

 092800

 001200

 D5F5B1

 D5F5B1

 C9F599

 E1F5CA

 BEF580

 ECF5E2

 B2F567

 F8F5FB

 A7F54F

 FFF5FF

 9BF537

 90F51E

 84F506

 82F500

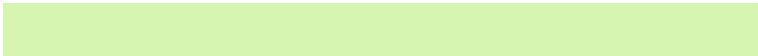
Harmonies

Analogous

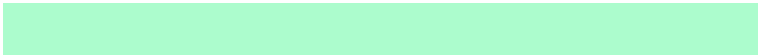
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FCEBA4



D5F5B1



ACFCCD

Triad

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



D5F5B1



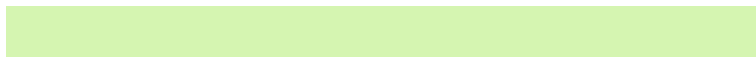
97F6FF



FFD0E4

Complementary

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



D5F5B1



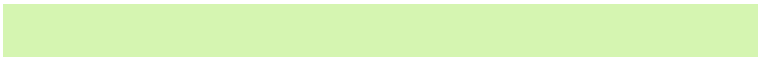
D1B1F5

Split Complementary

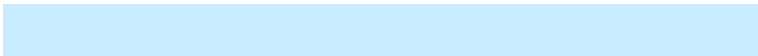
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD4FF



D5F5B1



C9EBFF

Square

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



D5F5B1



7CFCFF



FADFFF



FFD5C2

Rectangle

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



D5F5B1



93FEE5



FADFFF



FFD1F0

Sweetspot

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



D5F5B1



F5FFEB



F5D1B1



7A8073



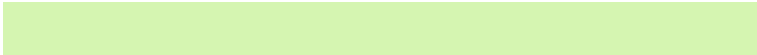
000000



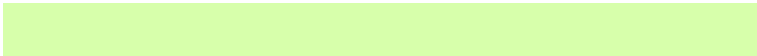
808080

Same Dimension

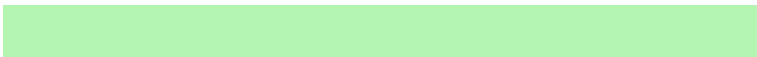
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D5F5B1



D7FFAB



B3F5B1



757A6E



63BA00



1F3B00

Inverse Universe

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



D1B1F5



D2ABFF



F3B1F5



746E7A



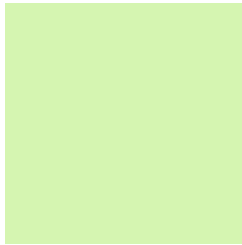
5800BA



1C003B

Previews

White Background



This preview shows how the Hex color D5F5B1 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 D5F5B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

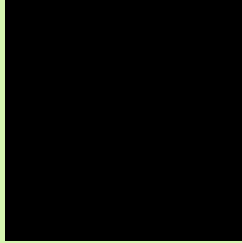
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

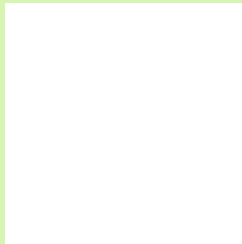
Any Text WCAG AAA ✓ Pass

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

Hex D5F5B1 Background



This preview shows how black text looks on a background with the Hex color D5F5B1.

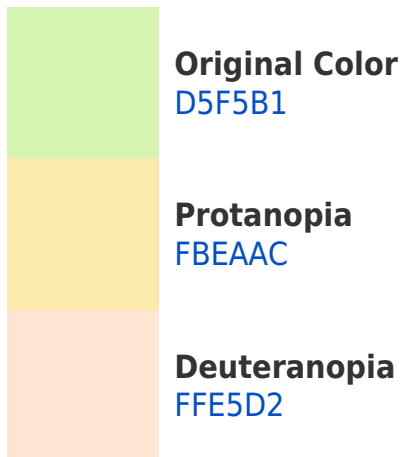


This preview shows how white text looks on a background with the Hex color D5F5B1.

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](#).

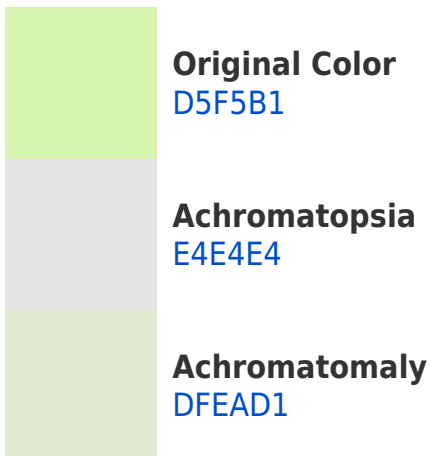
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5F5B1 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 #D5F5B1 looks like.

```
.text, #text, p{  
    color:#D5F5B1  
}
```

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 #D5F5B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5F5B1
}
```

Border

The CSS property to change the border of an element to Hex D5F5B1 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
#D5F5B1 }
```

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

```
.border{ border-color:#D5F5B1 }
```

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

Here you see how a box with a 4 pixel #D5F5B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5F5B1; -webkit-box-shadow:4px 4px  
4px 4px #D5F5B1; box-shadow:4px 4px 4px  
4px #D5F5B1 }
```

Background

The CSS property to change the background color of an element to Hex D5F5B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5F5B1 }
```

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

```
.background{ background-color:#D5F5B1 }
```

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