

Converting Colors

Hex(DEFBB0)

Have a look what the booklet for
Hex(DEFBB0) contains.

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Color

Hex(DEFBB0)

Conversions

Conversions Part 1

Format	Color
Hex	DEFBB0
RGB	222, 251, 176
RGB Percent	87%, 98%, 69%
CMY	0.1294, 0.0157, 0.3098
CMYK	0.12, 0.00, 0.30, 0.02
HSL	83°, 90%, 84%
HSV	83°, 30%, 98%
XYZ	72.4579, 87.6585, 54.1752
YIQ	233.7790, 6.7910, -29.4730

Conversions

Conversions Part 2

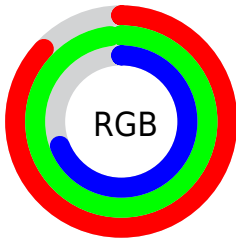
Format	Color
RYB	176, 251, 205
Decimal	14613424
CIELab	95.02, -21.76, 32.93
CIElCh	95, 39.470, 123.463
Yxy	87.6585, 0.3381, 0.4091
Android (android.graphics.Color)	4292803504 (0xFFDEFBB0)
YUV	233.7790, -28.4850, -10.3302
Hunter-Lab	93.6261, -25.7035, 31.2312

Details

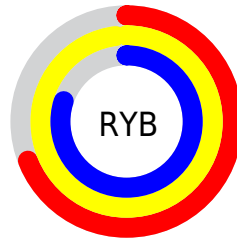
The Hex color **DEFBB0** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **CDB0FB**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFE8**, and **A6C27B** is the 20% darker color. If you saturate the color by 10%, you get **D4FB97**, and if you desaturate by 10%, it is **E8FBC9**.

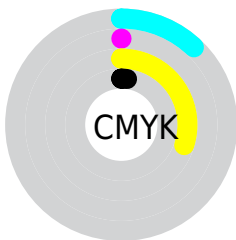
Distribution



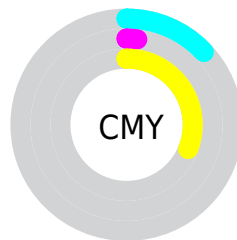
- Red (87%)
- Green (98%)
- Blue (69%)



- Red (69%)
- Yellow (98%)
- Blue (80%)



- Cyan (12%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)



- Cyan (13%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEFBB0 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 DEFBB0 by changing the saturation by 10% instead.

 DEFBB0

FFFFFF

 FFFFE8

 DEFBB0

 C2DE95

 A6C27B

 8BA761

 718D49

 587331

 3F5A19

 274300

 102C00

 001A00

 DEFBB0

 DEFBB0

 D4FB97

 E8FBC9

 CBF7E

 F1FBE2

 C1FB65

 FBF7FB

 B7FB4C

 FFFBFF

 ADFB33

 A4FB19

 9AFB00

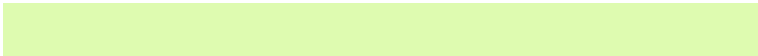
Harmonies

Analogous

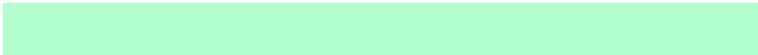
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF0A4



DEFBB0



B1FFCD

Triad

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



DEFBB0



8FFEFF



FFD4EE

Complementary

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



DEFBB0



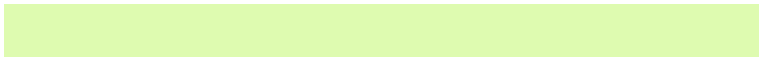
CDB0FB

Split Complementary

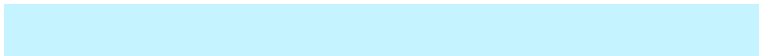
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD9FF



DEFBB0



C5F3FF

Square

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



DEFBB0



74FFFF



FCE5FF



FFD8C8

Rectangle

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



DEFBB0



95FFE7



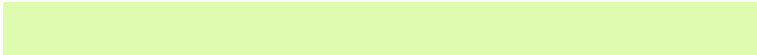
FCE5FF



FFD5FB

Sweetspot

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



DEFBB0



F6FFE8



FBCDB0



7A8071



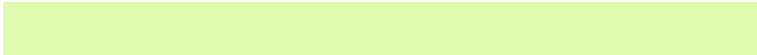
000000



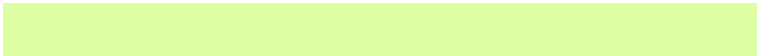
808080

Same Dimension

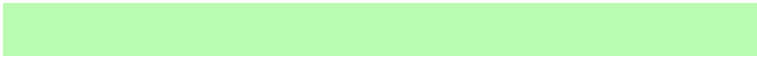
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DEFBB0



DCFFA3



B9FBB0



787D70



74BD00



263D00

Inverse Universe

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



CDB0FB



C7A3FF



F2B0FB



75707D



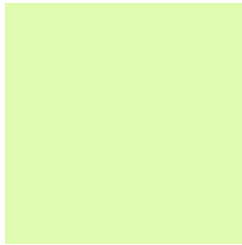
4900BD



18003D

Previews

White Background



This preview shows how the Hex color DEFBB0 looks on a white background.

Color Contrast Check

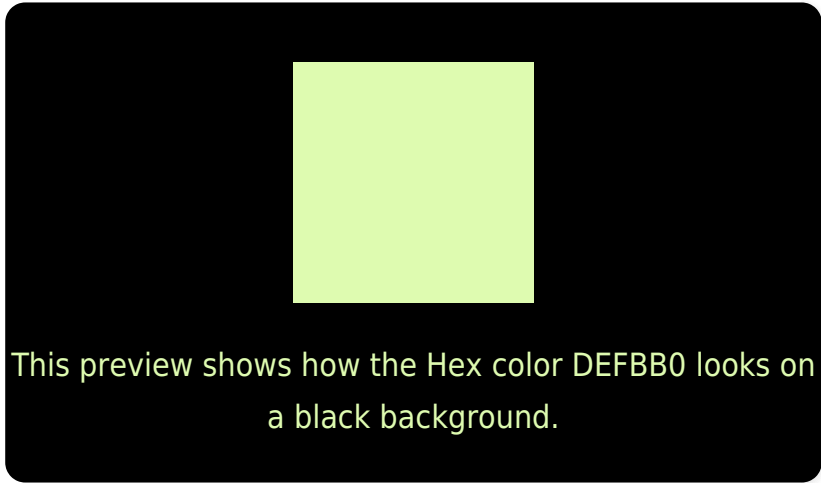
Large Text (above 18pt) WCAG AA × Fail

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

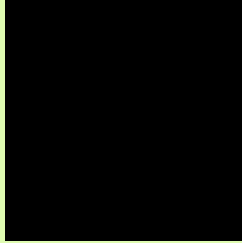
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

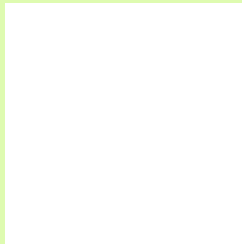
Any Text WCAG AAA ✓ Pass

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

Hex DEFBB0 Background



This preview shows how black text looks on a background with the Hex color DEFBB0.

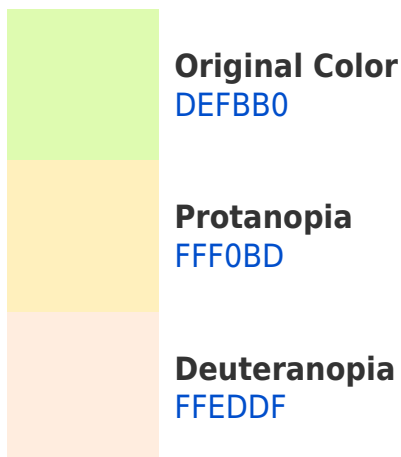


This preview shows how white text looks on a background with the Hex color DEFBB0.

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](#).

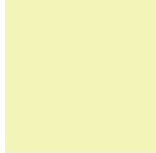
Dichromacy



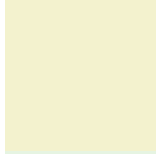
Trichromacy



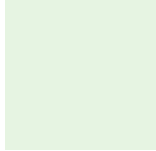
Original Color
DEFBB0



Protanomaly
F3F4B8

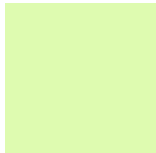


Deuteranomaly
F3F2CE

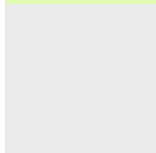


Tritanomaly
E6F4E2

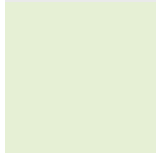
Monochromacy



Original Color
DEFBB0



Achromatopsia
EAEAEA



Achromatomaly
E6F0D5

CSS Examples

Text

The CSS property to change the color of the text to Hex DEFBB0 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 #DEFBB0 looks like.

```
.text, #text, p{  
    color:#DEFBB0  
}
```

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 #DEFBB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEFBB0  
}
```

Border

The CSS property to change the border of an element to Hex DEFBB0 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  
#DEFBB0 }
```

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

```
.border{ border-color:#DEFBB0 }
```

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

Here you see how a box with a 4 pixel #DEFBB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEFBB0; -webkit-box-shadow:4px 4px  
4px 4px #DEFBB0; box-shadow:4px 4px 4px  
4px #DEFBB0 }
```

Background

The CSS property to change the background color of an element to Hex DEFBB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEFBB0 }
```

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

```
.background{ background-color:#DEFBB0 }
```

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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