

Converting Colors

Hex(DEFB6)

Have a look what the booklet for
Hex(DEFB6) contains.

Hex(DEFB6)	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(DEFB6)

Conversions

Conversions Part 1

Format	Color
Hex	DEFFB6
RGB	222, 255, 182
RGB Percent	87%, 100%, 71%
CMY	0.1294, 0.0000, 0.2863
CMYK	0.13, 0.00, 0.29, 0.00
HSL	87°, 100%, 86%
HSV	87°, 29%, 100%
XYZ	74.3277, 90.4270, 57.7926
YIQ	236.8110, 3.7650, -29.6990

Conversions

Conversions Part 2

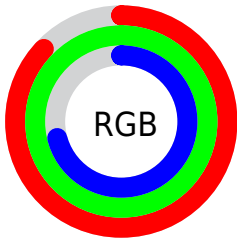
Format	Color
RYB	182, 255, 215
Decimal	14614454
CIELab	96.17, -22.85, 31.47
CIELCh	96, 38.893, 125.987
Yxy	90.4270, 0.3340, 0.4063
Android (android.graphics.Color)	4292804534 (0xFFDEFFB6)
YUV	236.8110, -27.0218, -12.9892
Hunter-Lab	95.0931, -26.8919, 30.5318

Details

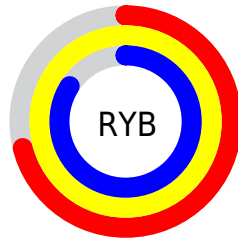
The Hex color **DEFFB6** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **D7B6FF**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFEE**, and **A6C681** is the 20% darker color. If you saturate the color by 10%, you get **D2FF9D**, and if you desaturate by 10%, it is **EAFD0**.

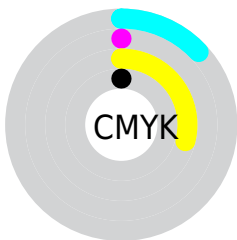
Distribution



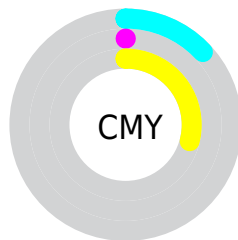
- Red (87%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEFFB6 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 DEFFB6 by changing the saturation by 10% instead.

 DEFFB6

FFFFFF


 FFFFEE

 DEFFB6

 C2E29B

 A6C681

 8BAB67

 71904E

 587636

 3F5E1F

 274607

 112F00

 001C00

 DEFFB6

 DEFFB6

 D2FF9D

 EAFFD0

 C7FF83

 F5FFE9

 BBFF6A

FFFFFF

 B0FF50

 A4FF37

 99FF1D

 8DFF04

 8CFF00

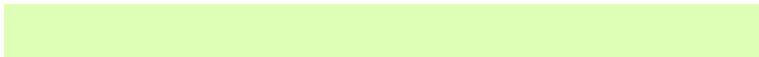
Harmonies

Analogous

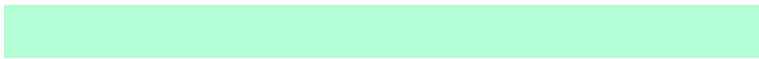
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF4A9



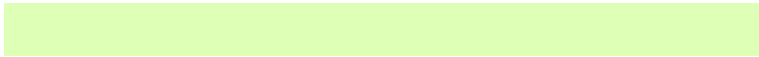
DEFFB6



B2FFD4

Triad

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



DEFFB6



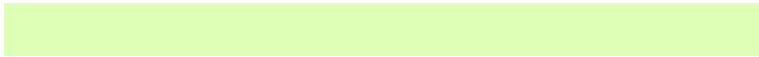
99FFFF



FFD8EE

Complementary

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



DEFFB6



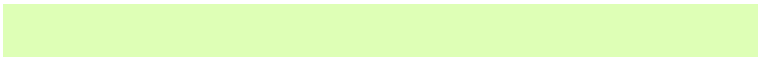
D7B6FF

Split Complementary

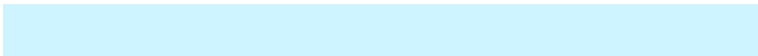
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDCFF



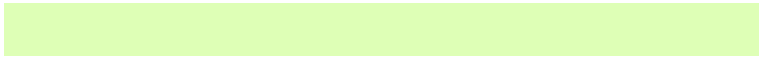
DEFFB6



CEF5FF

Square

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



DEFFB6



7BFFFF



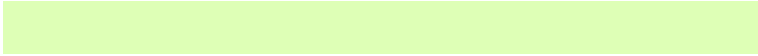
FFE8FF



FFDCC9

Rectangle

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



DEFFB6



96FFED



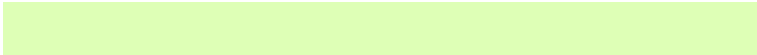
FFE8FF



FFD8FB

Sweetspot

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



DEFFB6



F5FFE8



FFD7B6



798071



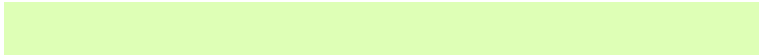
000000



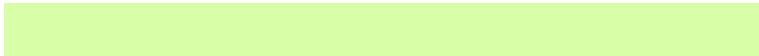
808080

Same Dimension

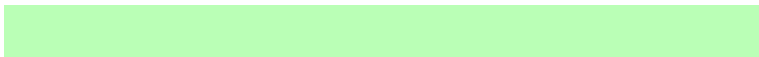
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DEFFB6



D8FFA8



BAFFB6



7A8073



69BF00



234000

Inverse Universe

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



D7B6FF



CFA8FF



FBB6FF



797380



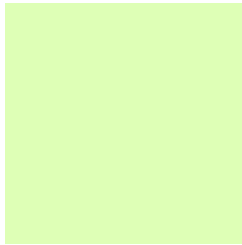
5600BF



1D0040

Previews

White Background



This preview shows how the Hex color DEFFB6 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 DEFFB6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

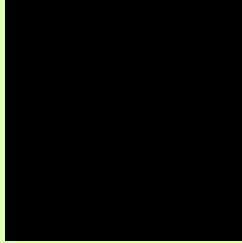
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

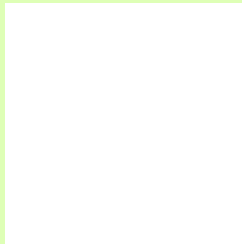
Any Text WCAG AAA ✓ Pass

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

Hex DEFFB6 Background



This preview shows how black text looks on a background with the Hex color DEFFB6.

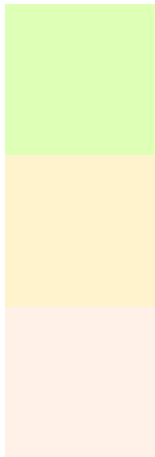


This preview shows how white text looks on a background with the Hex color DEFFB6.

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



Original Color
DEFFB6

Protanopia
FFF3CE

Deuteranopia
FFF1E7

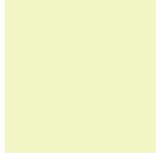


Tritanopia
EEF4FF

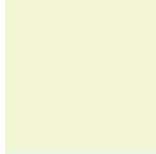
Trichromacy



Original Color
DEFFB6



Protanomaly
F3F7C5

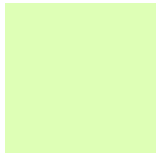


Deuteranomaly
F3F6D5

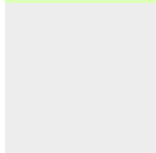


Tritanomaly
E8F8E4

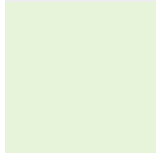
Monochromacy



Original Color
DEFFB6



Achromatopsia
EDED



Achromatomaly
E8F4D9

CSS Examples

Text

The CSS property to change the color of the text to Hex DEFFB6 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 #DEFFB6 looks like.

```
.text, #text, p{  
    color:#DEFFB6  
}
```

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 #DEFFB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEFFB6
}
```

Border

The CSS property to change the border of an element to Hex DEFFB6 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
#DEFFB6 }
```

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

```
.border{ border-color:#DEFFB6 }
```

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

Here you see how a box with a 4 pixel #DEFFB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEFFB6; -webkit-box-shadow:4px 4px  
4px 4px #DEFFB6; box-shadow:4px 4px 4px  
4px #DEFFB6 }
```

Background

The CSS property to change the background color of an element to Hex DEFFB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEFFB6 }
```

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

```
.background{ background-color:#DEFFB6 }
```

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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