

Converting Colors

Hex(DEFF8C)

Have a look what the booklet for
Hex(DEF8C) contains.

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Color

Hex(DEF8C)

Conversions

Conversions Part 1

Format	Color
Hex	DEFF8C
RGB	222, 255, 140
RGB Percent	87%, 100%, 55%
CMY	0.1294, 0.0000, 0.4510
CMYK	0.13, 0.00, 0.45, 0.00
HSL	77°, 100%, 77%
HSV	77°, 45%, 100%
XYZ	70.6178, 88.9430, 38.2567
YIQ	232.0230, 17.2470, -42.7610

Conversions

Conversions Part 2

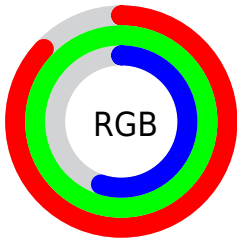
Format	Color
RYB	140, 255, 173
Decimal	14614412
CIELab	95.56, -27.99, 51.21
CIELCh	96, 58.361, 118.659
Yxy	88.9430, 0.3570, 0.4496
Android (android.graphics.Color)	4292804492 (0xFFDEFF8C)
YUV	232.0230, -45.3673, -8.7902
Hunter-Lab	94.3096, -31.3833, 41.9657

Details

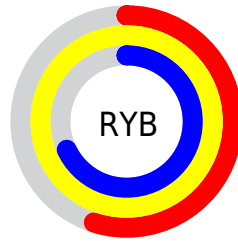
The Hex color **DEFF8C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AD8CFF**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFC3**, and **A5C657** is the 20% darker color. If you saturate the color by 10%, you get **D7FF73**, and if you desaturate by 10%, it is **E5FFA6**.

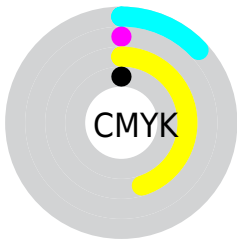
Distribution



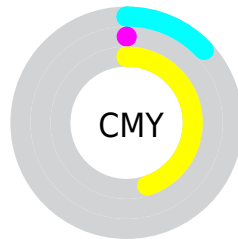
- Red (87%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (68%)



- Cyan (13%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEFF8C 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 DEFF8C by changing the saturation by 10% instead.

 DEFF8C

 DEFF8C

FFFFFF

 C1E271

 FFFFC3

 A5C657

 FFFFEO

 89AB3D

FFFFFFD

 6E9021

 547600

 3A5E00

 204600

 002F00

 001C00

 DEFF8C

 DEFF8C

 D7FF73

 E5FFA6

 CFFF59

 EDFFBF

 C8FF40

 F4FFD9

 C1FF26

 FBFFF2

 B9FF0D

FFFFFF

 B6FF00

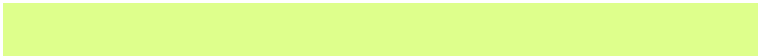
Harmonies

Analogous

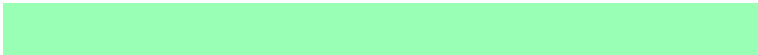
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEE7F



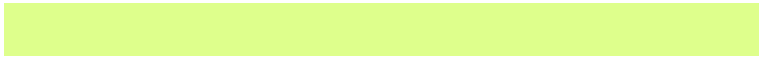
DEFF8C



99FFB5

Triad

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



DEFF8C



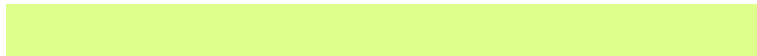
00FFFF



FFC4F7

Complementary

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



DEFF8C



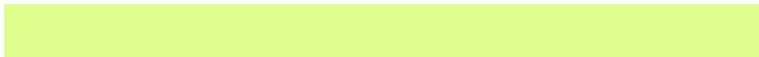
AD8CFF

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.



FFD0FF



DEFF8C



90F9FF

Square

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



DEFF8C



00FFFF



F3E4FF



FFC9BF

Rectangle

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



DEFF8C



5BFFDA



F3E4FF



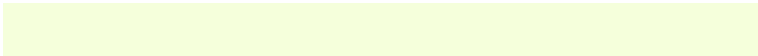
FFC7FF

Sweetspot

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



DEFF8C



F5FFDB



FFAD8C



79806A



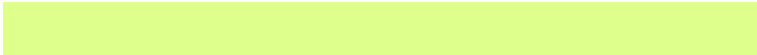
000000



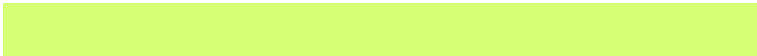
808080

Same Dimension

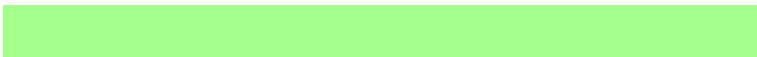
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DEFF8C



D7FF75



A5FF8C



7C8073



88BF00



2D4000

Inverse Universe

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



AD8CFF



9D75FF



E68CFF



767380



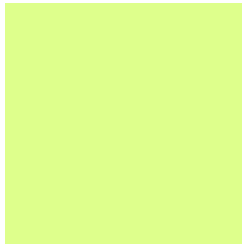
3700BF



120040

Previews

White Background



This preview shows how the Hex color DEFF8C looks on a white background.

Color Contrast Check

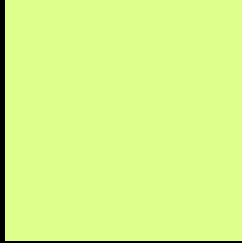
Large Text (above 18pt) WCAG AA × Fail

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 DEFF8C 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 DEFF8C Background



This preview shows how black text looks on a background with the Hex color DEFF8C.

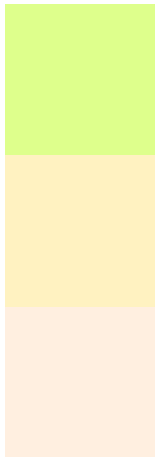


This preview shows how white text looks on a background with the Hex color DEFF8C.

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
DEFF8C

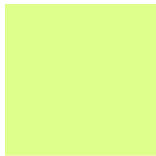
Protanopia
FFF2C1

Deuteranopia
FFEFE0

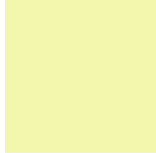


Tritanopia
EFF1FF

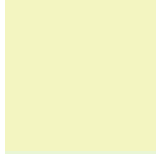
Trichromacy



Original Color
DEFF8C



Protanomaly
F3F7AE



Deuteranomaly
F3F5C1

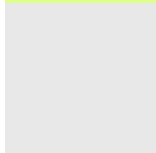


Tritanomaly
E9F6D5

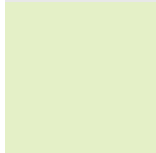
Monochromacy



Original Color
DEFF8C



Achromatopsia
E8E8E8



Achromatomaly
E4F0C7

CSS Examples

Text

The CSS property to change the color of the text to Hex DEFF8C 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 #DEFF8C looks like.

```
.text, #text, p{  
    color:#DEFF8C  
}
```

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 #DEFF8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEFF8C
}
```

Border

The CSS property to change the border of an element to Hex DEFF8C 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
#DEFF8C }
```

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

```
.border{ border-color:#DEFF8C }
```

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

Here you see how a box with a 4 pixel #DEFF8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEFF8C; -webkit-box-shadow:4px 4px  
4px 4px #DEFF8C; box-shadow:4px 4px 4px  
4px #DEFF8C }
```

Background

The CSS property to change the background color of an element to Hex DEFF8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEFF8C }
```

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

```
.background{ background-color:#DEFF8C }
```

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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