

Converting Colors

Hex(DEFCC8)

Have a look what the booklet for
Hex(DEFCC8) contains.

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Color

Hex(DEFCC8)

Conversions

Conversions Part 1

Format	Color
Hex	DEFCC8
RGB	222, 252, 200
RGB Percent	87%, 99%, 78%
CMY	0.1294, 0.0118, 0.2157
CMYK	0.12, 0.00, 0.21, 0.01
HSL	95°, 90%, 89%
HSV	95°, 21%, 99%
XYZ	75.3599, 89.3205, 67.9123
YIQ	237.1020, -1.1880, -22.5320

Conversions

Conversions Part 2

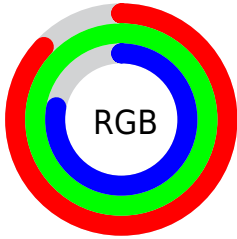
Format	Color
RYB	200, 252, 230
Decimal	14613704
CIELab	95.71, -18.75, 21.73
CIELCh	96, 28.702, 130.791
Yxy	89.3205, 0.3240, 0.3840
Android (android.graphics.Color)	4292803784 (0xFFDEFCC8)
YUV	237.1020, -18.2913, -13.2445
Hunter-Lab	94.5095, -23.0595, 23.5523

Details

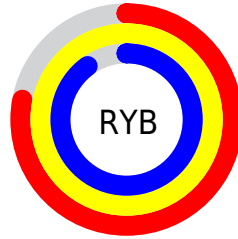
The Hex color **DEFCC8** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E6C8FC**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **A6C392** is the 20% darker color. If you saturate the color by 10%, you get **CFFCAF**, and if you desaturate by 10%, it is **EDFCE1**.

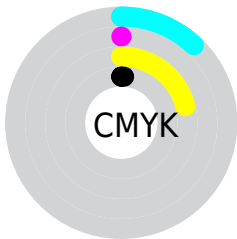
Distribution



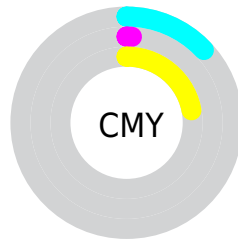
- Red (87%)
- Green (99%)
- Blue (78%)



- Red (78%)
- Yellow (99%)
- Blue (90%)



- Cyan (12%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)



- Cyan (13%)
- Magenta (1%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEFCC8 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 DEFCC8 by changing the saturation by 10% instead.

 DEFCC8

FFFFFF

 DEFCC8

 C2DFAD

 A6C392

 8CA878

 728E5F

 597447

 415B30

 2A441A

 142D02

 001A00

 DEFCC8

 DEFCC8

 CFFCAF

 EDFCE1

 C1FC96

 FBFCFA

 B2FC7C

 FFFCFF

 A4FC63

 95FC4A

 87FC31

 78FC18

 6BFC00

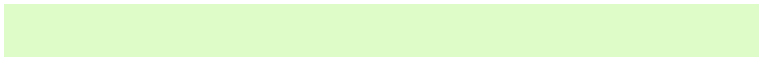
Harmonies

Analogous

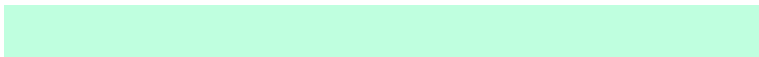
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FDF4BC



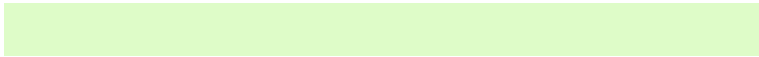
DEFCC8



BFFFDF

Triad

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



DEFCC8



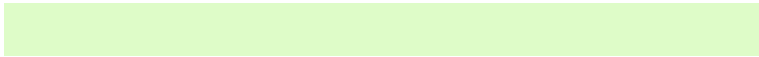
BBFAFF



FFDFE9

Complementary

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



DEFCC8



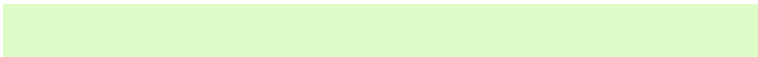
E6C8FC

Split Complementary

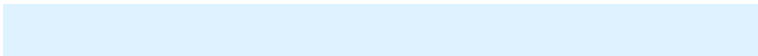
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE1FF



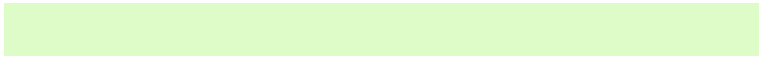
DEFCC8



DFF2FF

Square

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



DEFCC8



A6FFFF



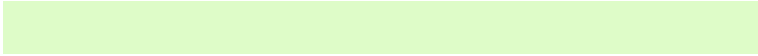
FFE8FF



FFE3D0

Rectangle

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



DEFCC8



AFFFF2



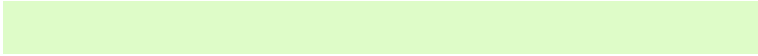
FFE8FF



FFDFF3

Sweetspot

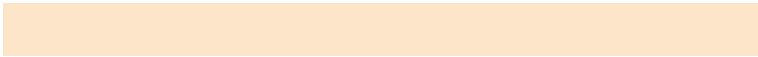
The Sweet Spot groups the original color and five complimentary colors.



DEFCC8



F6FFF0



FCE5C8



7A8077



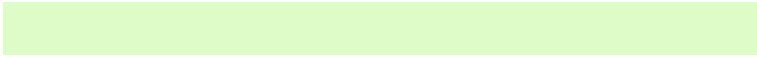
000000



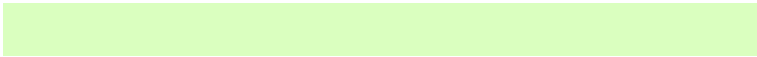
808080

Same Dimension

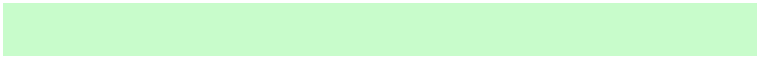
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DEFCC8



DAFFBF



C8FCCB



767D70



50BD00



1A3D00

Inverse Universe

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



E6C8FC



E4BFFF



FCC8F9



78707D



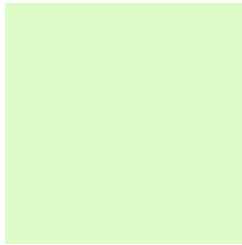
6D00BD



23003D

Previews

White Background



This preview shows how the Hex color DEFCC8 looks on a white background.

Color Contrast Check

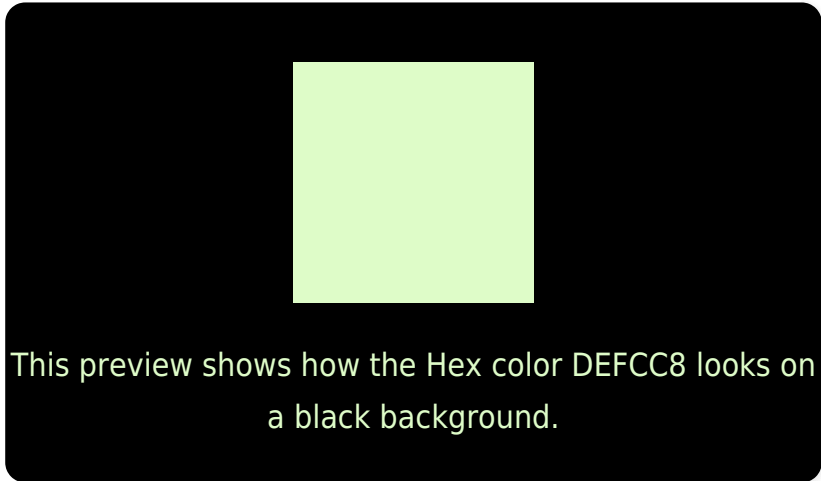
Large Text (above 18pt) WCAG AA × Fail

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

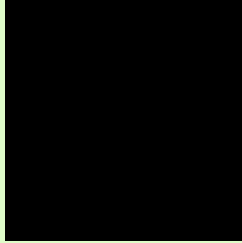
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

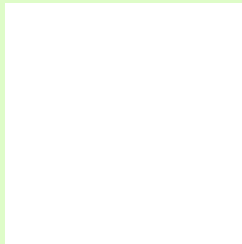
Any Text WCAG AAA ✓ Pass

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

Hex DEFCC8 Background



This preview shows how black text looks on a background with the Hex color DEFCC8.



This preview shows how white text looks on a background with the Hex color DEFCC8.

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



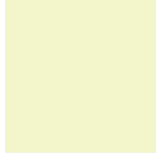


Tritanopia
ECF3FF

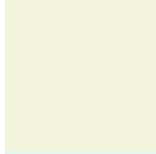
Trichromacy



Original Color
DEFCC8



Protanomaly
F3F6CA

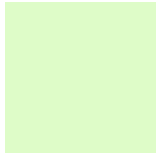


Deuteranomaly
F3F4DC

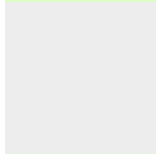


Tritanomaly
E7F6EB

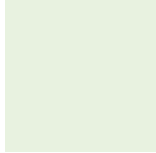
Monochromacy



Original Color
DEFCC8



Achromatopsia
EDEDED



Achromatomaly
E8F2E0

CSS Examples

Text

The CSS property to change the color of the text to Hex DEFCC8 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 #DEFCC8 looks like.

```
.text, #text, p{  
    color:#DEFCC8  
}
```

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 #DEFCC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEFCC8 }
}
```

Border

The CSS property to change the border of an element to Hex DEFCC8 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 #DEFCC8 }
}
```

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

```
.border{ border-color:#DEFCC8 }
```

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

Here you see how a box with a 4 pixel #DEFCC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEFCC8; -webkit-box-shadow:4px 4px  
4px 4px #DEFCC8; box-shadow:4px 4px 4px  
4px #DEFCC8 }
```

Background

The CSS property to change the background color of an element to Hex DEFCC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEFCC8 }
```

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

```
.background{ background-color:#DEFCC8 }
```

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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