

Converting Colors

Hex(DEF4E8)

Have a look what the booklet for
Hex(DEF4E8) contains.

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Color

Hex(DEF4E8)

Conversions

Conversions Part 1

Format	Color
Hex	DEF4E8
RGB	222, 244, 232
RGB Percent	87%, 96%, 91%
CMY	0.1294, 0.0431, 0.0902
CMYK	0.09, 0.00, 0.05, 0.04
HSL	147°, 50%, 91%
HSV	147°, 9%, 96%
XYZ	77.0404, 86.0572, 88.8942
YIQ	236.0540, -9.2600, -8.3960

Conversions

Conversions Part 2

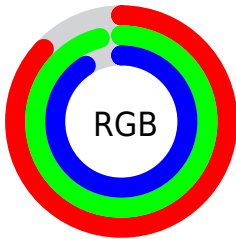
Format	Color
R _Y B	222, 237, 244
Decimal	14611688
CIE Lab	94.34, -9.40, 3.31
CIE LCh	94, 9.965, 160.596
Yxy	86.0572, 0.3057, 0.3415
Android (android.graphics.Color)	4292801768 (0xFFDEF4E8)
YUV	236.0540, -1.9986, -12.3254
Hunter-Lab	92.7670, -14.1030, 8.1221

Details

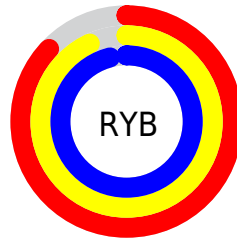
The Hex color **DEF4E8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F4DEEA**, and the grayscale version is **ECECEC**.

A 20% lighter version of the original color is **FFFFFF**, and **A7BCB0** is the 20% darker color. If you saturate the color by 10%, you get **C6F4DB**, and if you desaturate by 10%, it is **F6F4F5**.

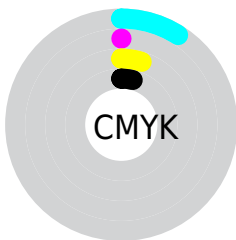
Distribution



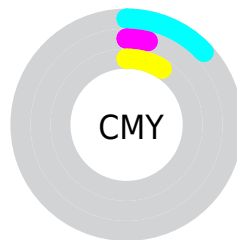
- Red (87%)
- Green (96%)
- Blue (91%)



- Red (87%)
- Yellow (93%)
- Blue (96%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEF4E8 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 DEF4E8 by changing the saturation by 10% instead.

DEF4E8

FFFFFF

DEF4E8

C2D8CC

A7BCB0

8CA196

73877C

5A6D63

42554B

2C3E35

17281F

001407

 DEF4E8

 DEF4E8

 C6F4DB

 F6F4F5

 ADF4CD

 FFF4FF

 95F4C0

 7CF4B3

 64F4A5

 4CF498

 33F48B

 1BF47E

 02F470

Harmonies

Analogous

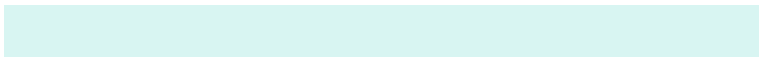
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E8F2E0



DEF4E8



D8F5F2

Triad

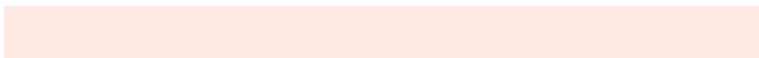
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DEF4E8



E9EEFF



FFE9E3

Complementary

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



DEF4E8



F4DEEA

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.



FFE8EC



DEF4E8



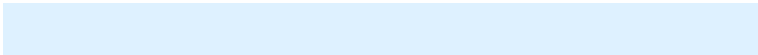
F5EBFD

Square

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



DEF4E8



DEF1FF



FFE9F5



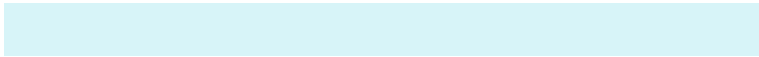
FDECDD

Rectangle

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



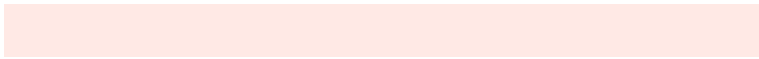
DEF4E8



D7F4F8



FFE9F5



FFE9E5

Sweetspot

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



DEF4E8



F7FFFB



EAF4DE



7A807D



000000



808080

Same Dimension

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



DEF4E8



E3FFF0



DEF4F3



6E7A74



00BA55



003B1B

Inverse Universe

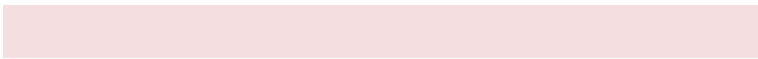
The Inverse Universe completely reimagines the original color for something new.



F4DEEA



FFE3F2



F4DEDF



7A6E75



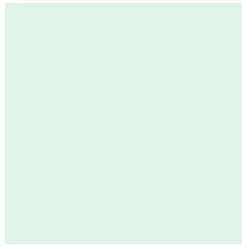
BA0066



3B0020

Previews

White Background



This preview shows how the Hex color DEF4E8 looks on a white background.

Color Contrast Check

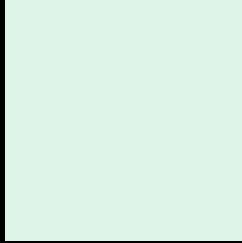
Large Text (above 18pt) WCAG AA × Fail

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 DEF4E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

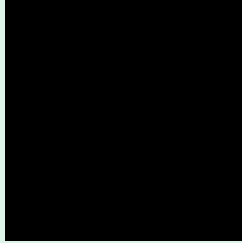
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

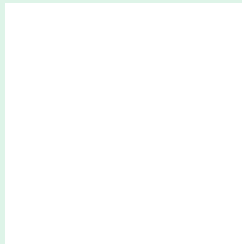
Any Text WCAG AAA ✓ Pass

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

Hex DEF4E8 Background



This preview shows how black text looks on a background with the Hex color DEF4E8.

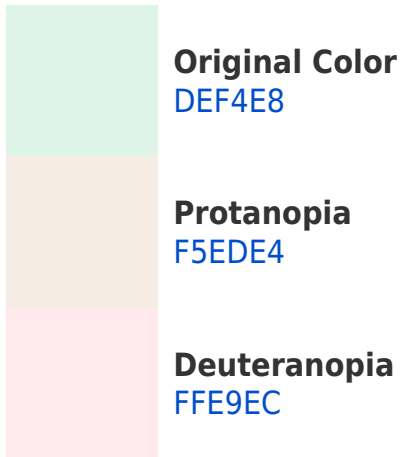


This preview shows how white text looks on a background with the Hex color DEF4E8.

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](#).

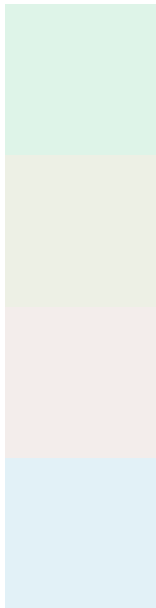
Dichromacy





Tritanopia
E5F0FF

Trichromacy



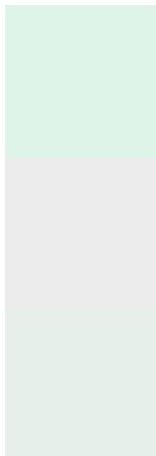
Original Color
DEF4E8

Protanomaly
EDF0E5

Deuteranomaly
F3EDEB

Tritanomaly
E2F1F7

Monochromacy



Original Color
DEF4E8

Achromatopsia
ECECEC

Achromatomaly
E7EFEB

CSS Examples

Text

The CSS property to change the color of the text to Hex DEF4E8 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 #DEF4E8 looks like.

```
.text, #text, p{  
    color:#DEF4E8  
}
```

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 #DEF4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEF4E8
}
```

Border

The CSS property to change the border of an element to Hex DEF4E8 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
#DEF4E8 }
```

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

```
.border{ border-color:#DEF4E8 }
```

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

Here you see how a box with a 4 pixel #DEF4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEF4E8; -webkit-box-shadow:4px 4px  
4px 4px #DEF4E8; box-shadow:4px 4px 4px  
4px #DEF4E8 }
```

Background

The CSS property to change the background color of an element to Hex DEF4E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEF4E8 }
```

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

```
.background{ background-color:#DEF4E8 }
```

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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