

Converting Colors

Hex(DEF2E8)

Have a look what the booklet for
Hex(DEF2E8) contains.

| | |
|--|----|
| Hex(DEF2E8) | 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(DEF2E8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DEF2E8 |
| RGB | 222, 242, 232 |
| RGB Percent | 87%, 95%, 91% |
| CMY | 0.1294, 0.0510, 0.0902 |
| CMYK | 0.08, 0.00, 0.04, 0.05 |
| HSL | 150°, 43%, 91% |
| HSV | 150°, 8%, 95% |
| XYZ | 76.4418, 84.8601, 88.6946 |
| YIQ | 234.8800, -8.7100, -7.3500 |

Conversions

Conversions Part 2

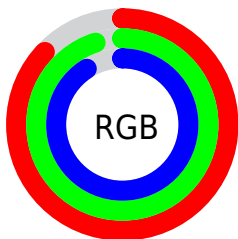
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 222, 235, 242 |
| Decimal | 14611176 |
| CIE Lab | 93.82, -8.39, 2.56 |
| CIE LCh | 94, 8.777, 163.012 |
| Yxy | 84.8601, 0.3058, 0.3394 |
| Android (android.graphics.Color) | 4292801256 (0xFFDEF2E8) |
| YUV | 234.8800, -1.4198, -11.2958 |
| Hunter-Lab | 92.1195, -13.0878, 7.3980 |

Details

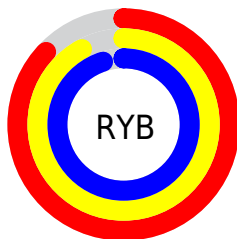
The Hex color **DEF2E8** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F2DEE8**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **A7BAB0** is the 20% darker color. If you saturate the color by 10%, you get **C6F2DC**, and if you desaturate by 10%, it is **F6F2F4**.

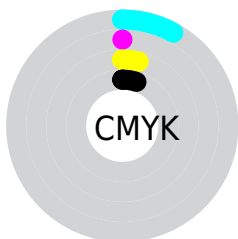
Distribution



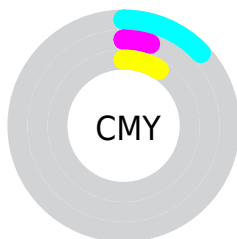
- Red (87%)
- Green (95%)
- Blue (91%)



- Red (87%)
- Yellow (92%)
- Blue (95%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (13%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEF2E8 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 DEF2E8 by changing the saturation by 10% instead.

 DEF2E8

FFFFFF

 DEF2E8

 C2D6CC

 A7BAB0

 8C9F96

 73857C

 5A6C63

 43534B

 2C3C35

 17261F

 001207

 DEF2E8

 DEF2E8

 C6F2DC

 F6F2F4

 AEF2D0

 FFF2FF

 95F2C4

 7DF2B8

 65F2AB

 4DF29F

 35F293

 1CF287

 04F27B

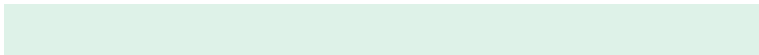
Harmonies

Analogous

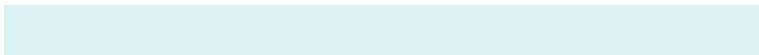
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E7F0E1



DEF2E8



D9F2F1

Triad

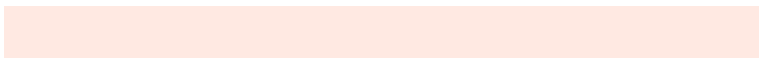
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DEF2E8



E9EDFE



FFE9E2

Complementary

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



DEF2E8



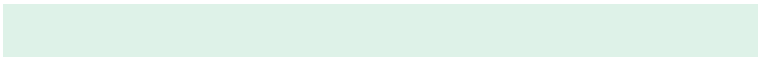
F2DEE8

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.



FFE8EA



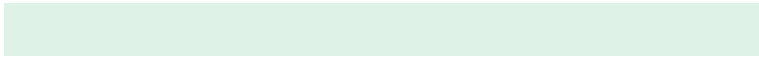
DEF2E8



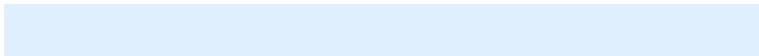
F4EAFA

Square

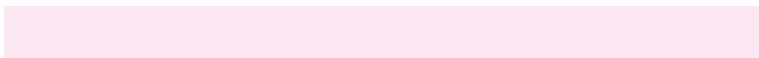
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



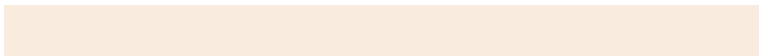
DEF2E8



E0E9FD



FCE8F2



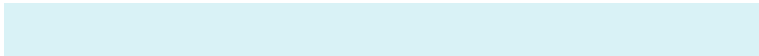
F9E9D9

Rectangle

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



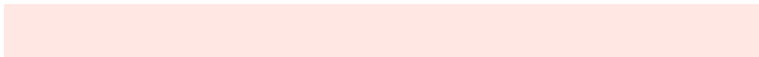
DEF2E8



D9F2F6



FCE8F2



FFE8E4

Sweetspot

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



DEF2E8



FAFFFC



E8F2DE



7D807E



000000



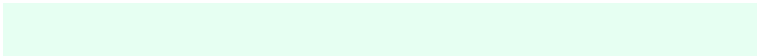
808080

Same Dimension

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



DEF2E8



E6FFF2



DEF2F2



6C7872



00B85C



00381C

Inverse Universe

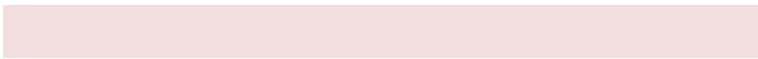
The Inverse Universe completely reimagines the original color for something new.



F2DEE8



FFE6F2



F2DEDE



786C72



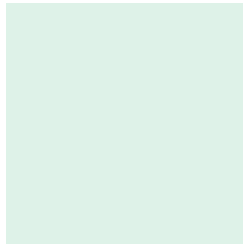
B8005C



38001C

Previews

White Background



This preview shows how the Hex color DEF2E8 looks on a white background.

Color Contrast Check

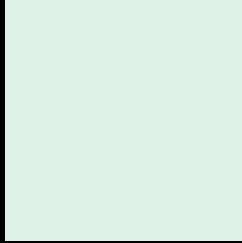
Large Text (above 18pt) WCAG AA × Fail

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 DEF2E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

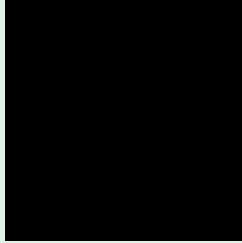
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

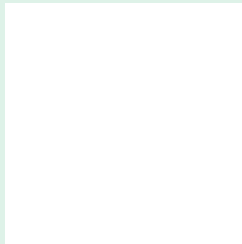
Any Text WCAG AAA ✓ Pass

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

Hex DEF2E8 Background



This preview shows how black text looks on a background with the Hex color DEF2E8.

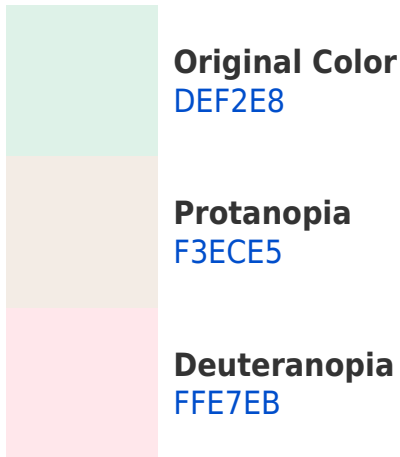


This preview shows how white text looks on a background with the Hex color DEF2E8.

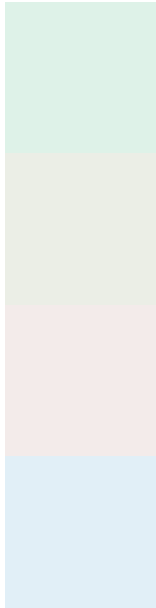
Color Blindness Simulation

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



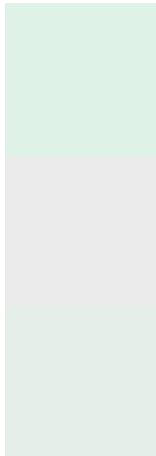
Original Color
DEF2E8

Protanomaly
EBEEE6

Deuteranomaly
F3E8EA

Tritanomaly
E1EFF7

Monochromacy



Original Color
DEF2E8

Achromatopsia
EBEBEB

Achromatomaly
E6EEEA

CSS Examples

Text

The CSS property to change the color of the text to Hex DEF2E8 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 #DEF2E8 looks like.

```
.text, #text, p{  
    color:#DEF2E8  
}
```

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 #DEF2E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEF2E8  
}
```

Border

The CSS property to change the border of an element to Hex DEF2E8 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  
#DEF2E8 }
```

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

```
.border{ border-color:#DEF2E8 }
```

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

Here you see how a box with a 4 pixel #DEF2E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEF2E8; -webkit-box-shadow:4px 4px  
4px 4px #DEF2E8; box-shadow:4px 4px 4px  
4px #DEF2E8 }
```

Background

The CSS property to change the background color of an element to Hex DEF2E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEF2E8 }
```

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

```
.background{ background-color:#DEF2E8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor