

Converting Colors

Hex(DEF2E7)

Have a look what the booklet for
Hex(DEF2E7) contains.

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Color

Hex(DEF2E7)

Conversions

Conversions Part 1

Format	Color
Hex	DEF2E7
RGB	222, 242, 231
RGB Percent	87%, 95%, 91%
CMY	0.1294, 0.0510, 0.0941
CMYK	0.08, 0.00, 0.05, 0.05
HSL	147°, 43%, 91%
HSV	147°, 8%, 95%
XYZ	76.3001, 84.8034, 87.9485
YIQ	234.7660, -8.3890, -7.6610

Conversions

Conversions Part 2

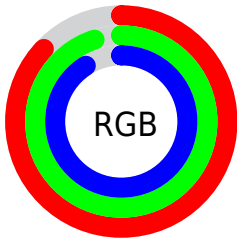
Format	Color
R _{YB}	222, 236, 242
Decimal	14611175
CIE Lab	93.80, -8.58, 3.05
CIE LCh	94, 9.102, 160.438
Yxy	84.8034, 0.3064, 0.3405
Android (android.graphics.Color)	4292801255 (0xFFDEF2E7)
YUV	234.7660, -1.8566, -11.1958
Hunter-Lab	92.0887, -13.2591, 7.8377

Details

The Hex color `DEF2E7` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `F2DEE9`, and the grayscale version is `EBEBEB`.

A 20% lighter version of the original color is `FFFFFF`, and `A7BAAF` is the 20% darker color. If you saturate the color by 10%, you get `C6F2DA`, and if you desaturate by 10%, it is `F6F2F4`.

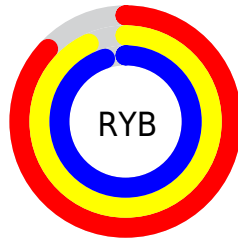
Distribution



Red (87%)

Green (95%)

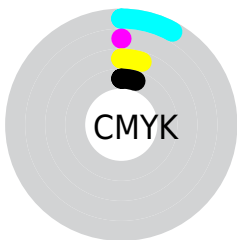
Blue (91%)



Red (87%)

Yellow (93%)

Blue (95%)

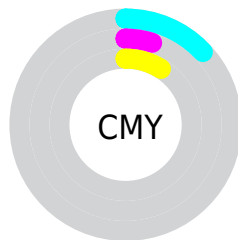


Cyan (8%)

Magenta (0%)

Yellow (5%)

Black (5%)



Cyan (13%)

Magenta (5%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEF2E7 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 DEF2E7 by changing the saturation by 10% instead.

DEF2E7

FFFFFF

DEF2E7

C2D6CB

A7BAAF

8C9F95

73857B

5A6C62

43534A

2C3C34

17261F

001206

 DEF2E7

 DEF2E7

 C6F2DA

 F6F2F4

 AEF2CC

 FFF2FF

 95F2BF

 7DF2B2

 65F2A4

 4DF297

 35F28A

 1CF27D

 04F26F

Harmonies

Analogous

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



E7F0E0



DEF2E7



D9F3F0

Triad

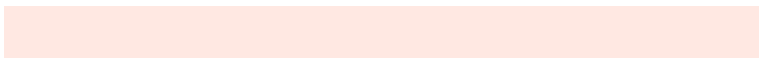
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DEF2E7



E8EDFE



FFE8E2

Complementary

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



DEF2E7



F2DEE9

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.



FFE7EA



DEF2E7



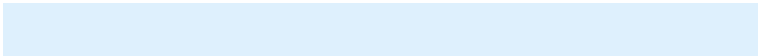
F3EAFB

Square

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



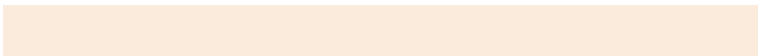
DEF2E7



DEF0FD



FCE8F3



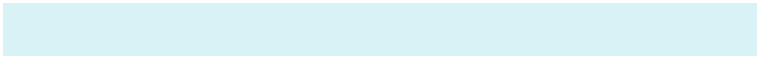
FAEBDD

Rectangle

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



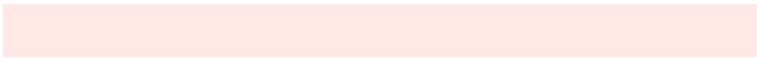
DEF2E7



D8F2F6



FCE8F3



FFE8E5

Sweetspot

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



DEF2E7



FAFFFC



E9F2DE



7D807E



000000



808080

Same Dimension

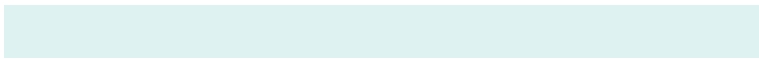
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DEF2E7



E6FFF1



DEF2F1



6C7871



00B853



003819

Inverse Universe

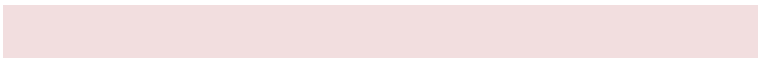
The Inverse Universe completely reimagines the original color for something new.



F2DEE9



FFE6F4



F2DEDF



786C72



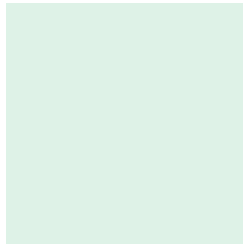
B80065



38001F

Previews

White Background



This preview shows how the Hex color DEF2E7 looks on a white background.

Color Contrast Check

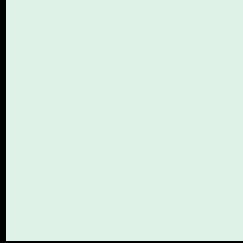
Large Text (above 18pt) WCAG AA × Fail

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 DEF2E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

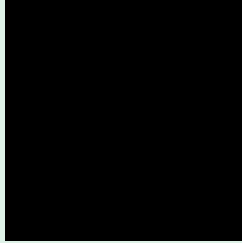
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

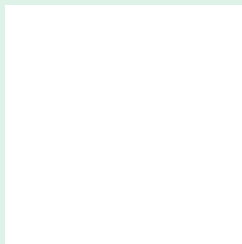
Any Text WCAG AAA ✓ Pass

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

Hex DEF2E7 Background



This preview shows how black text looks on a background with the Hex color DEF2E7.



This preview shows how white text looks on a background with the Hex color DEF2E7.

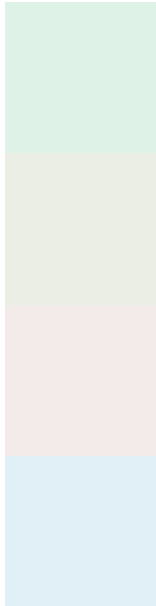
Color Blindness Simulation

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



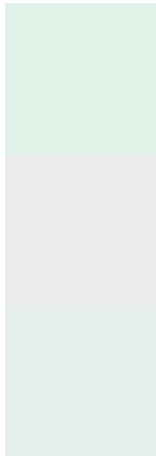
Original Color
DEF2E7

Protanomaly
EBEEE5

Deuteranomaly
F3EBE9

Tritanomaly
E1EFF6

Monochromacy



Original Color
DEF2E7

Achromatopsia
EBEBEB

Achromatomaly
E6EEEA

CSS Examples

Text

The CSS property to change the color of the text to Hex DEF2E7 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 #DEF2E7 looks like.

```
.text, #text, p{  
    color:#DEF2E7  
}
```

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 #DEF2E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEF2E7
}
```

Border

The CSS property to change the border of an element to Hex DEF2E7 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
#DEF2E7 }
```

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

```
.border{ border-color:#DEF2E7 }
```

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

Here you see how a box with a 4 pixel #DEF2E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEF2E7; -webkit-box-shadow:4px 4px  
4px 4px #DEF2E7; box-shadow:4px 4px 4px  
4px #DEF2E7 }
```

Background

The CSS property to change the background color of an element to Hex DEF2E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEF2E7 }
```

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

```
.background{ background-color:#DEF2E7 }
```

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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