

Converting Colors

Hex(DEF2CE)

Have a look what the booklet for
Hex(DEF2CE) contains.

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Color

Hex(DEF2CE)

Conversions

Conversions Part 1

Format	Color
Hex	DEF2CE
RGB	222, 242, 206
RGB Percent	87%, 95%, 81%
CMY	0.1294, 0.0510, 0.1922
CMYK	0.08, 0.00, 0.15, 0.05
HSL	93°, 58%, 88%
HSV	93°, 15%, 95%
XYZ	73.0169, 83.4901, 70.6593
YIQ	231.9160, -0.3640, -15.4360

Conversions

Conversions Part 2

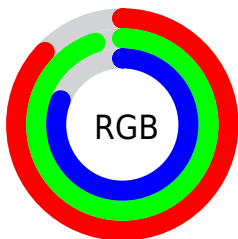
Format	Color
RYB	206, 242, 226
Decimal	14611150
CIELab	93.23, -12.88, 15.17
CIELCh	93, 19.903, 130.339
Yxy	83.4901, 0.3214, 0.3675
Android (android.graphics.Color)	4292801230 (0xFFDEF2CE)
YUV	231.9160, -12.7766, -8.6963
Hunter-Lab	91.3729, -17.2616, 18.1117

Details

The Hex color **DEF2CE** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **E2CEF2**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFF**, and **A7BA98** is the 20% darker color. If you saturate the color by 10%, you get **D1F2B6**, and if you desaturate by 10%, it is **EBF2E6**.

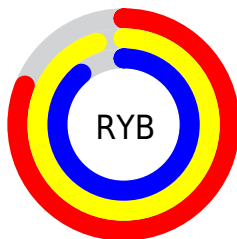
Distribution



Red (87%)

Green (95%)

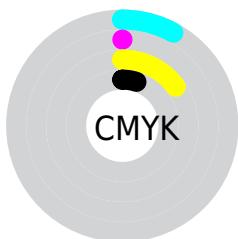
Blue (81%)



Red (81%)

Yellow (95%)

Blue (89%)

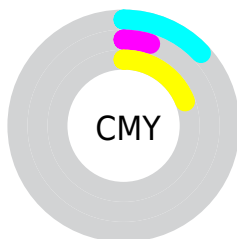


Cyan (8%)

Magenta (0%)

Yellow (15%)

Black (5%)



Cyan (13%)

Magenta (5%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEF2CE 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 DEF2CE by changing the saturation by 10% instead.

 DEF2CE

FFFFFF

 DEF2CE

 C2D6B2

 A7BA98


 8C9F7E

 738565

 5A6B4D

 425336

 2B3C20

 17260A

 001300

 DEF2CE

 DEF2CE

 D1F2B6

 EBF2E6

 C3F29E

 F9F2FE

 B6F285

 FFF2FF

 A8F26D

 9BF255

 8DF23D

 80F225

 72F20C

 6CF200

Harmonies

Analogous

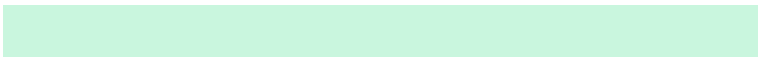
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F4ECC6



DEF2CE



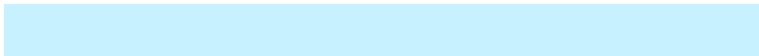
C9F6DE

Triad

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



DEF2CE



C8F1FF



FFDEE5

Complementary

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



DEF2CE



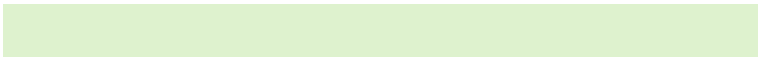
E2CEF2

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.



FFE0F9



DEF2CE



DFEBFF

Square

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



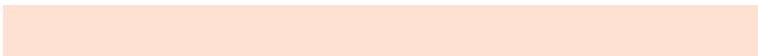
DEF2CE



BBF5FF



F7E5FF



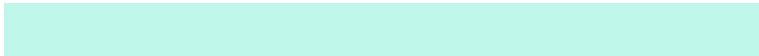
FFE1D4

Rectangle

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



DEF2CE



BFF7EB



F7E5FF



FFDEEC

Sweetspot

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



DEF2CE



F9FFF5



F2E2CE



7C8079



000000



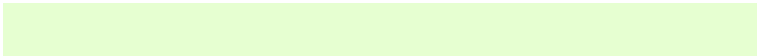
808080

Same Dimension

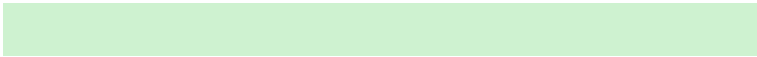
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DEF2CE



E6FFD1



CEF2D0



71786C



52B800



193800

Inverse Universe

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



E2CEF2



EBD1FF



F2CEF0



736C78



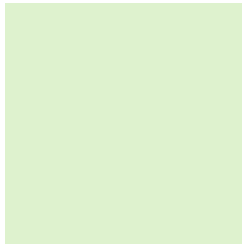
6600B8



1F0038

Previews

White Background



This preview shows how the Hex color DEF2CE looks on a white background.

Color Contrast Check

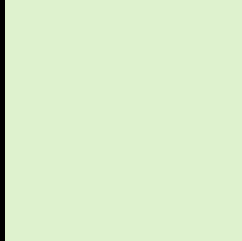
Large Text (above 18pt) WCAG AA × Fail

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 DEF2CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

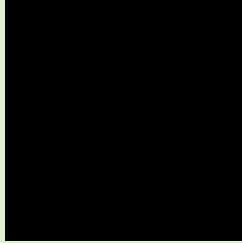
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

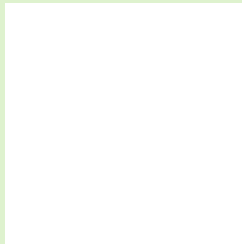
Any Text WCAG AAA ✓ Pass

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

Hex DEF2CE Background



This preview shows how black text looks on a background with the Hex color DEF2CE.

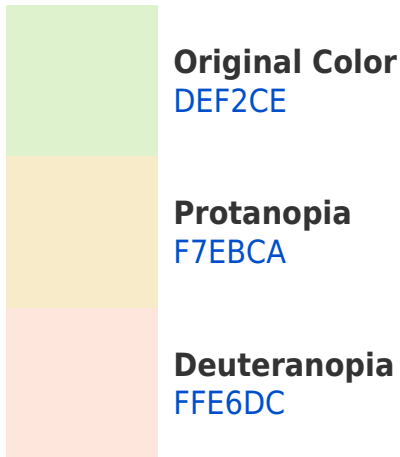


This preview shows how white text looks on a background with the Hex color DEF2CE.

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](#).

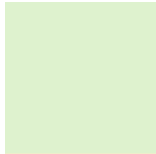
Dichromacy



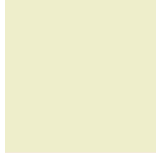


Tritanopia
E5EBFE

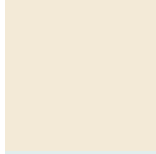
Trichromacy



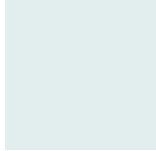
Original Color
DEF2CE



Protanomaly
EEEECB

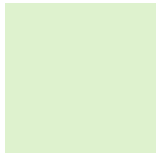


Deuteranomaly
F3EAD7

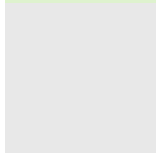


Tritanomaly
E2EEED

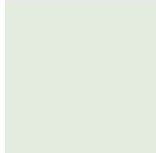
Monochromacy



Original Color
DEF2CE



Achromatopsia
E8E8E8



Achromatomaly
E4ECDF

CSS Examples

Text

The CSS property to change the color of the text to Hex DEF2CE 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 #DEF2CE looks like.

```
.text, #text, p{  
    color:#DEF2CE  
}
```

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 #DEF2CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEF2CE }  
}
```

Border

The CSS property to change the border of an element to Hex DEF2CE 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 #DEF2CE }  
}
```

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

```
.border{ border-color:#DEF2CE }
```

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

Here you see how a box with a 4 pixel #DEF2CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEF2CE; -webkit-box-shadow:4px 4px  
4px 4px #DEF2CE; box-shadow:4px 4px 4px  
4px #DEF2CE }
```

Background

The CSS property to change the background color of an element to Hex DEF2CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEF2CE }
```

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

```
.background{ background-color:#DEF2CE }
```

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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