

Converting Colors

Hex(DEDEFF)

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

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Color

Hex(DEDEFF)

Conversions

Conversions Part 1

Format	Color
Hex	DEDEFF
RGB	222, 222, 255
RGB Percent	87%, 87%, 100%
CMY	0.1294, 0.1294, 0.0000
CMYK	0.13, 0.13, 0.00, 0.00
HSL	240°, 100%, 94%
HSV	240°, 13%, 100%
XYZ	74.2955, 74.9921, 105.1669
YIQ	225.7620, -10.5930, 10.2630

Conversions

Conversions Part 2

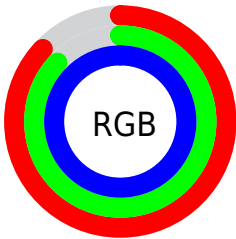
Format	Color
R _Y B	222, 222, 255
Decimal	14606079
CIE Lab	89.39, 6.32, -15.99
CIE LCh	89, 17.197, 291.570
Yxy	74.9921, 0.2920, 0.2947
Android (android.graphics.Color)	4292796159 (0xFFDEDEFF)
YUV	225.7620, 14.4143, -3.2993
Hunter-Lab	86.5980, 1.5949, -11.3847

Details

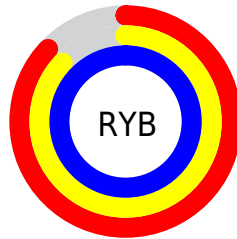
The Hex color **DEDEFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFFFDE**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **A7A7C6** is the 20% darker color. If you saturate the color by 10%, you get **C5C5FF**, and if you desaturate by 10%, it is **F8F8FF**.

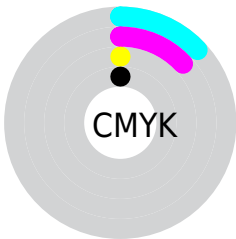
Distribution



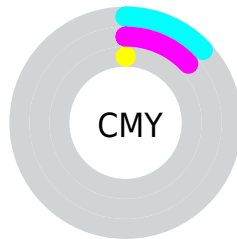
- Red (87%)
- Green (87%)
- Blue (100%)



- Red (87%)
- Yellow (87%)
- Blue (100%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 DEDEFF

 DEDEFF

FFFFFF

 C2C2E2

 A7A7C6

 8C8DAB

 727390

 5A5B77

 42435E

 2B2D46

 151930

 00001B

 DEDEFF

 DEDEFF

 C5C5FF

 F8F8FF

 ABABFF

FFFFFF

 9292FF

 7878FF

 5F5FFF

 4545FF

 2C2CFF

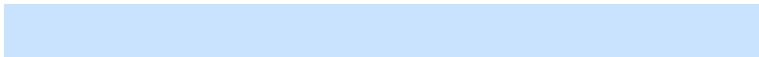
 1212FF

 0000FF

Harmonies

Analogous

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



C9E3FF



DEDEFF



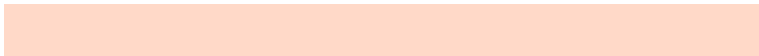
F2D9F5

Triad

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



DEDEFF



FFD9C8



BEEADB

Complementary

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



DEDEFF



FFFFDE

Split Complementary

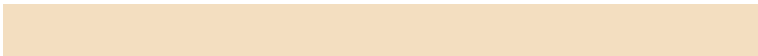
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



CEE8CC



DEDEFF



F3DEC0

Square

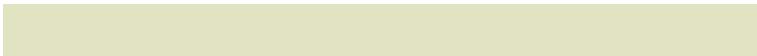
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DEDEFF



FFD6D5



E1E3C2



B6EAEC

Rectangle

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



DEDEFF



FCD7EB



E1E3C2



C3E9D6

Sweetspot

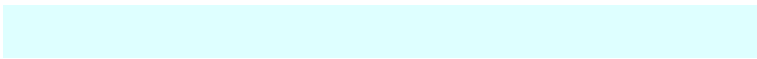
The Sweet Spot groups the original color and five complimentary colors.



DEDEFF



F5F5FF



DEFFFF



797980



000000



808080

Same Dimension

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



DEDEFF



D6D6FF



EFDEFF



737380



0000BF



000040

Inverse Universe

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



FFDEFF



FFD6FF



EFFFDE



807380



BF00BF



400040

Previews

White Background



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

Color Contrast Check

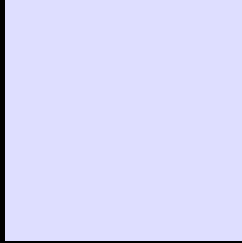
Large Text (above 18pt) WCAG AA × Fail

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 DEDEFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

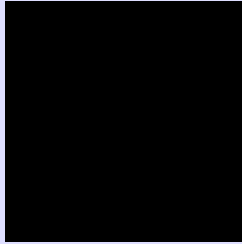
Any Text WCAG AA ✓ Pass

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 DEDEFF Background



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



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

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
DCE0F2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #DEDEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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