

Converting Colors

Hex(DEF4FF)

Have a look what the booklet for
Hex(DEF4FF) contains.

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Color

Hex(DEF4FF)

Conversions

Conversions Part 1

Format	Color
Hex	DEF4FF
RGB	222, 244, 255
RGB Percent	87%, 96%, 100%
CMY	0.1294, 0.0431, 0.0000
CMYK	0.13, 0.04, 0.00, 0.00
HSL	200°, 100%, 94%
HSV	200°, 13%, 100%
XYZ	80.5249, 87.4510, 107.2434
YIQ	238.6760, -16.6430, -1.2430

Conversions

Conversions Part 2

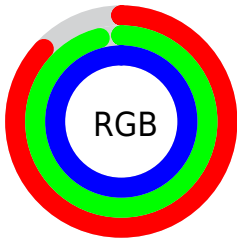
Format	Color
R_{YB}	222, 235, 255
Decimal	14611711
CIE Lab	94.93, -5.03, -7.73
CIE LCh	95, 9.224, 236.971
Yxy	87.4510, 0.2926, 0.3178
Android (android.graphics.Color)	4292801791 (0xFFDEF4FF)
YUV	238.6760, 8.0477, -14.6249
Hunter-Lab	93.5152, -9.9473, -2.5332

Details

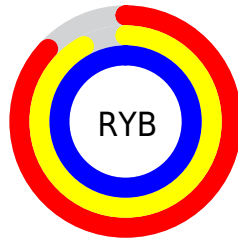
The Hex color `DEF4FF` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `FFE9DE`, and the grayscale version is `EFEFEF`.

A 20% lighter version of the original color is `FFFFFF`, and `A7BCC6` is the 20% darker color. If you saturate the color by 10%, you get `C5ECFF`, and if you desaturate by 10%, it is `F8FDFF`.

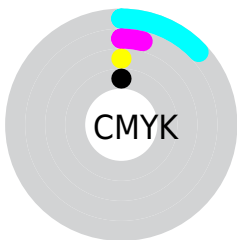
Distribution



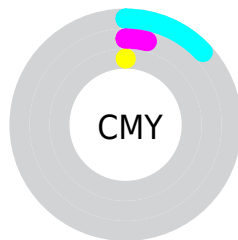
- Red (87%)
- Green (96%)
- Blue (100%)



- Red (87%)
- Yellow (92%)
- Blue (100%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEF4FF 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 DEF4FF by changing the saturation by 10% instead.

 DEF4FF

FFFFFF

 DEF4FF

 C2D8E2

 A7BCC6

 8CA1AB

 728791

 5A6D77

 42555E

 2B3E47

 152830

 00141B

 DEF4FF

 DEF4FF

 C5ECFF

 F8FDFF

 ABE3FF

FFFFFF

 92DBFF

 78D2FF

 5FCAFF

 45C1FF

 2CB9FF

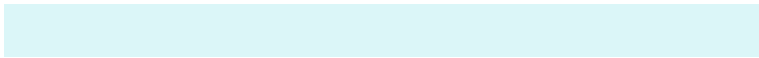
 12B0FF

 00AAFF

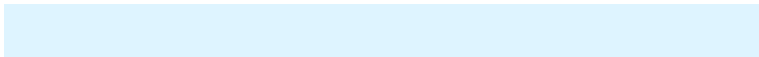
Harmonies

Analogous

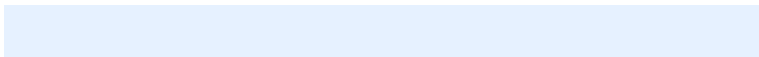
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DBF6F8



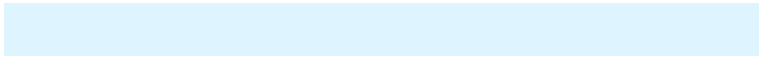
DEF4FF



E6F1FF

Triad

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



DEF4FF



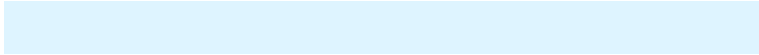
FFEBF2



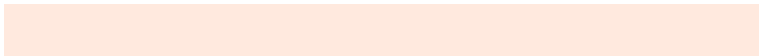
EFF2E0

Complementary

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



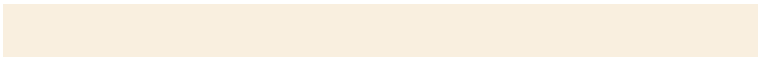
DEF4FF



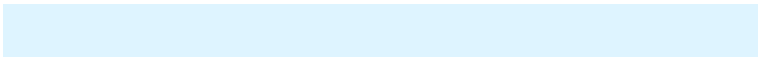
FFE9DE

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.



F9EFDf



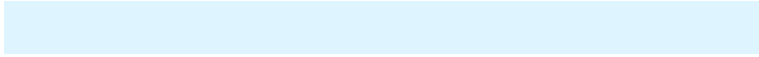
DEf4FF



FFEBE9

Square

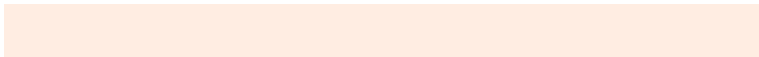
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DEF4FF



FBECEFA



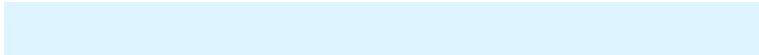
FFEDE2



E5F5E6

Rectangle

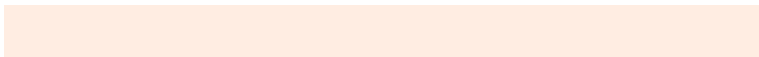
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEF4FF



EEEEFF



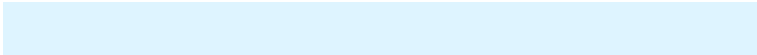
FFEDE2



F2F1DF

Sweetspot

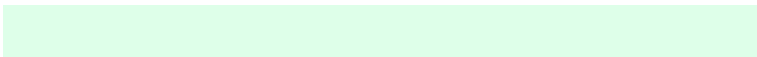
The Sweet Spot groups the original color and five complimentary colors.



DEF4FF



F5FCFF



DEFFE9



797D80



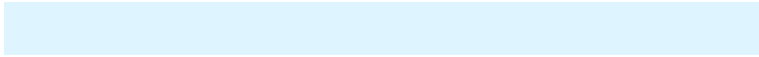
000000



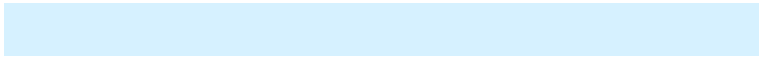
808080

Same Dimension

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



DEF4FF



D6F1FF



DEE4FF



737B80



0080BF



002B40

Inverse Universe

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



FFDEF4



FFD6F1



FFFADE



80737B



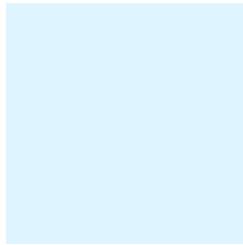
BF007F



40002A

Previews

White Background



This preview shows how the Hex color DEF4FF looks on a white background.

Color Contrast Check

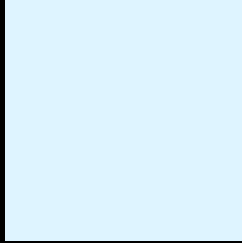
Large Text (above 18pt) WCAG AA × Fail

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 DEF4FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

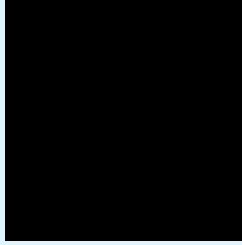
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

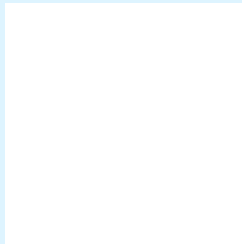
Any Text WCAG AAA ✓ Pass

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

Hex DEF4FF Background



This preview shows how black text looks on a background with the Hex color DEF4FF.

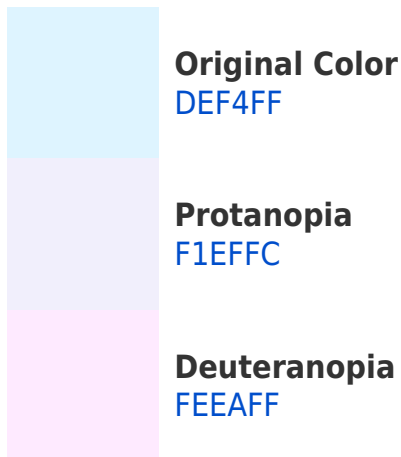


This preview shows how white text looks on a background with the Hex color DEF4FF.

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](#).

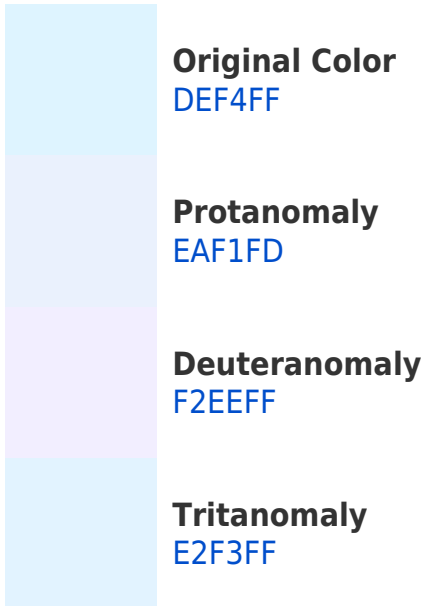
Dichromacy



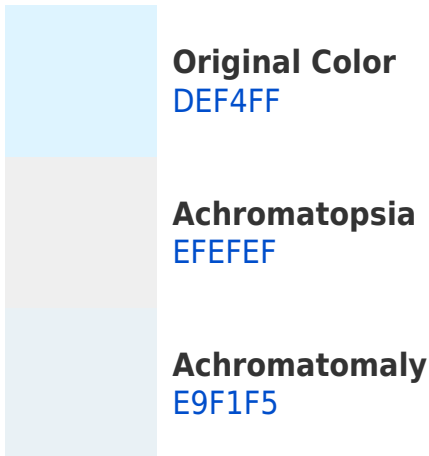


Tritanopia
E5F2FF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEF4FF 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 #DEF4FF looks like.

```
.text, #text, p{  
    color:#DEF4FF  
}
```

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 #DEF4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEF4FF
}
```

Border

The CSS property to change the border of an element to Hex DEF4FF 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
#DEF4FF }
```

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

```
.border{ border-color:#DEF4FF }
```

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

Here you see how a box with a 4 pixel #DEF4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEF4FF; -webkit-box-shadow:4px 4px  
4px 4px #DEF4FF; box-shadow:4px 4px 4px  
4px #DEF4FF }
```

Background

The CSS property to change the background color of an element to Hex DEF4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEF4FF }
```

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

```
.background{ background-color:#DEF4FF }
```

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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