

Converting Colors

Hex(DEF3FC)

Have a look what the booklet for
Hex(DEF3FC) contains.

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Color

Hex(DEF3FC)

Conversions

Conversions Part 1

Format	Color
Hex	DEF3FC
RGB	222, 243, 252
RGB Percent	87%, 95%, 99%
CMY	0.1294, 0.0471, 0.0118
CMYK	0.12, 0.04, 0.00, 0.01
HSL	198°, 83%, 93%
HSV	198°, 12%, 99%
XYZ	79.7455, 86.6591, 104.6193
YIQ	237.7470, -15.4050, -1.6530

Conversions

Conversions Part 2

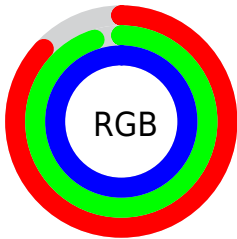
Format	Color
R _Y B	222, 234, 252
Decimal	14611452
CIE _{Lab}	94.59, -5.11, -6.68
CIE _{LCh}	95, 8.408, 232.561
Y _{xy}	86.6591, 0.2942, 0.3197
Android (android.graphics.Color)	4292801532 (0xFFDEF3FC)
Y _{UV}	237.7470, 7.0267, -13.8101
Hunter-Lab	93.0908, -9.9985, -1.4689

Details

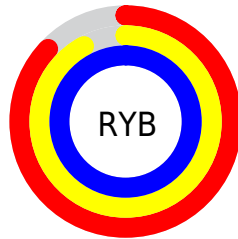
The Hex color `DEF3FC` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `FCE7DE`, and the grayscale version is `EEEEEE`.

A 20% lighter version of the original color is `FFFFFF`, and `A7BBC3` is the 20% darker color. If you saturate the color by 10%, you get `C5EBFC`, and if you desaturate by 10%, it is `F7FBFC`.

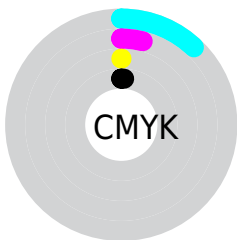
Distribution



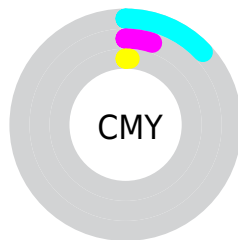
- Red (87%)
- Green (95%)
- Blue (99%)



- Red (87%)
- Yellow (92%)
- Blue (99%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (13%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEF3FC 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 DEF3FC by changing the saturation by 10% instead.

 DEF3FC

FFFFFF

 DEF3FC

 C2D7DF

 A7BBC3

 8CA0A8

 72868E

 5A6C74

 42545C

 2B3D44

 15272E

 001319

 DEF3FC

 DEF3FC

 C5EBFC

 F7FBFC

 ACE4FC

 FFFFFC

 92DCFC

 79D5FC

 60CDFC

 47C6FC

 2EBEFC

 14B7FC

 00B0FC

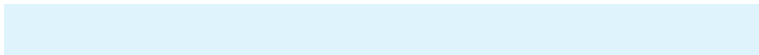
Harmonies

Analogous

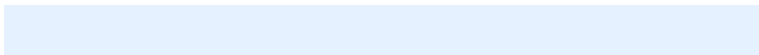
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DCF4F5



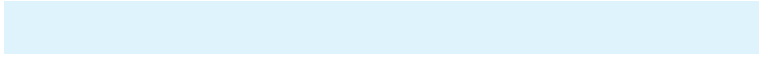
DEF3FC



E5F1FF

Triad

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



DEF3FC



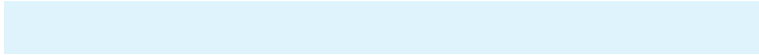
FFEAF2



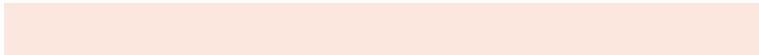
F0F1E0

Complementary

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



DEF3FC



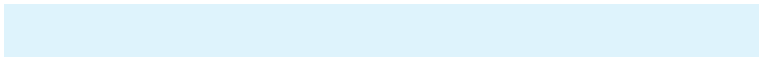
FCE7DE

Split Complementary

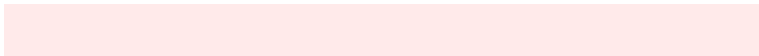
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F9EEDF



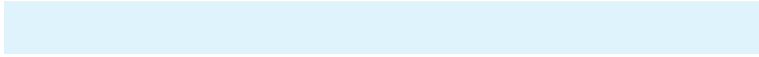
DEF3FC



FFEAEA

Square

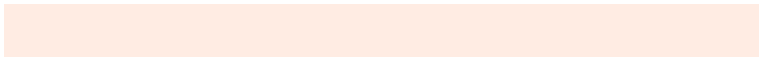
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



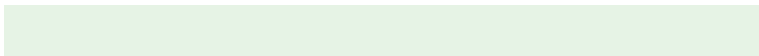
DEF3FC



F8ECF9



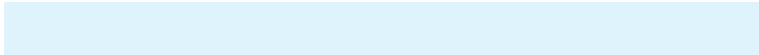
FFECE3



E6F3E5

Rectangle

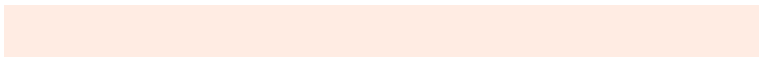
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEF3FC



EBEFFF



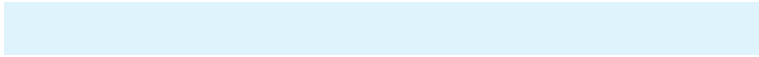
FFECE3



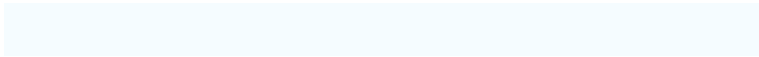
F3F0E0

Sweetspot

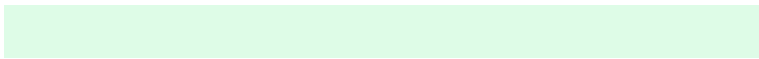
The Sweet Spot groups the original color and five complimentary colors.



DEF3FC



F5FCFF



DEFCE7



797E80



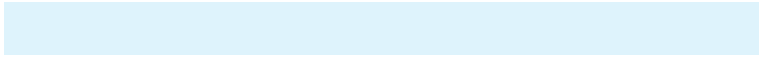
000000



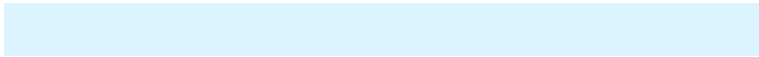
808080

Same Dimension

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



DEF3FC



DBF4FF



DEE4FC



70797D



0084BD



002B3D

Inverse Universe

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



FCDEF3



FFDBF4



FCF6DE



7D7079



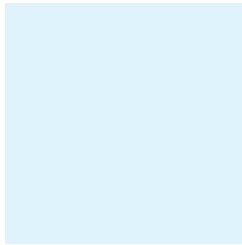
BD0084



3D002B

Previews

White Background



This preview shows how the Hex color DEF3FC looks on a white background.

Color Contrast Check

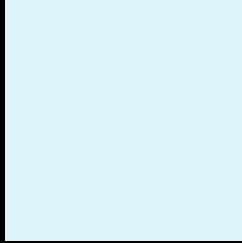
Large Text (above 18pt) WCAG AA × Fail

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 DEF3FC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

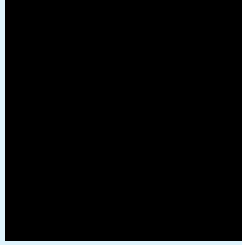
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

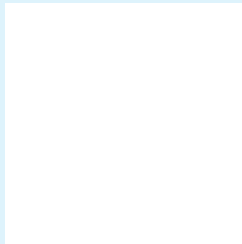
Any Text WCAG AAA ✓ Pass

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

Hex DEF3FC Background



This preview shows how black text looks on a background with the Hex color DEF3FC.



This preview shows how white text looks on a background with the Hex color DEF3FC.

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](#).

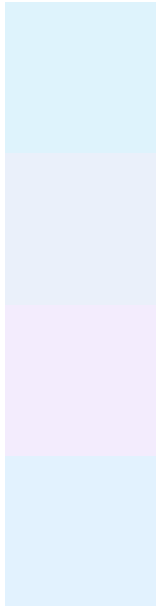
Dichromacy





Tritanopia
E4F1FF

Trichromacy



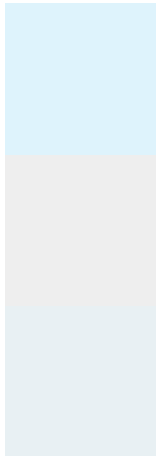
Original Color
DEF3FC

Protanomaly
EAF0FA

Deuteranomaly
F3ECFD

Tritanomaly
E2F2FE

Monochromacy



Original Color
DEF3FC

Achromatopsia
EEEEEE

Achromatomaly
E8F0F3

CSS Examples

Text

The CSS property to change the color of the text to Hex DEF3FC 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 #DEF3FC looks like.

```
.text, #text, p{  
    color:#DEF3FC  
}
```

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 #DEF3FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEF3FC  
}
```

Border

The CSS property to change the border of an element to Hex DEF3FC 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  
#DEF3FC }
```

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

```
.border{ border-color:#DEF3FC }
```

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

Here you see how a box with a 4 pixel #DEF3FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEF3FC; -webkit-box-shadow:4px 4px  
4px 4px #DEF3FC; box-shadow:4px 4px 4px  
4px #DEF3FC }
```

Background

The CSS property to change the background color of an element to Hex DEF3FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEF3FC }
```

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

```
.background{ background-color:#DEF3FC }
```

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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