

Converting Colors

Hex(DEF3F8)

Have a look what the booklet for
Hex(DEF3F8) contains.

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Color

Hex(DEF3F8)

Conversions

Conversions Part 1

Format	Color
Hex	DEF3F8
RGB	222, 243, 248
RGB Percent	87%, 95%, 97%
CMY	0.1294, 0.0471, 0.0275
CMYK	0.10, 0.02, 0.00, 0.03
HSL	192°, 65%, 92%
HSV	192°, 10%, 97%
XYZ	79.1181, 86.4081, 101.3154
YIQ	237.2910, -14.1210, -2.8970

Conversions

Conversions Part 2

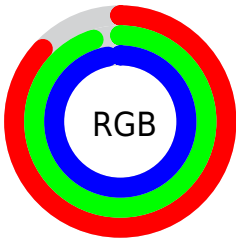
Format	Color
R _Y B	222, 234, 248
Decimal	14611448
CIE Lab	94.49, -5.89, -4.76
CIE LCh	94, 7.574, 218.943
Yxy	86.4081, 0.2965, 0.3238
Android (android.graphics.Color)	4292801528 (0xFFDEF3F8)
YUV	237.2910, 5.2795, -13.4102
Hunter-Lab	92.9560, -10.7453, 0.4473

Details

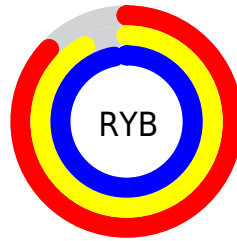
The Hex color **DEF3F8** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F8E3DE**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **A7BBC0** is the 20% darker color. If you saturate the color by 10%, you get **C5EEF8**, and if you desaturate by 10%, it is **F7F8F8**.

Distribution



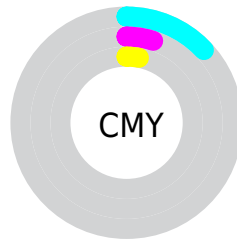
- Red (87%)
- Green (95%)
- Blue (97%)



- Red (87%)
- Yellow (92%)
- Blue (97%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (13%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEF3F8 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 DEF3F8 by changing the saturation by 10% instead.

DEF3F8

FFFFFF

DEF3F8

C2D7DB

A7BBC0

8CA0A5

73868A

5A6C71

425458

2B3D41

16272B

001317

 DEF3F8

 DEF3F8

 C5EEF8

 F7F8F8

 ACE9F8

 FFFDF8

 94E5F8

 FFFFF8

 7BE0F8

 62DBF8

 49D6F8

 30D2F8

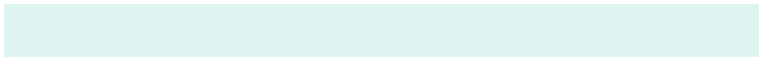
 18CDF8

 00C8F8

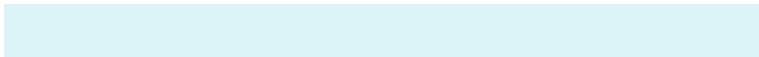
Harmonies

Analogous

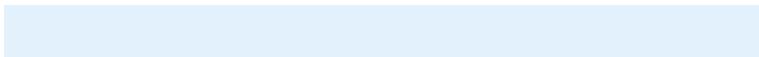
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DEF4F1



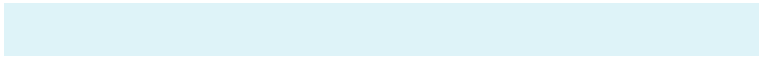
DEF3F8



E3F1FD

Triad

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



DEF3F8



FBEBF5



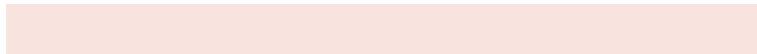
F3EFE1

Complementary

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



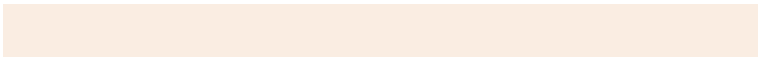
DEF3F8



F8E3DE

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.



FAEDE2



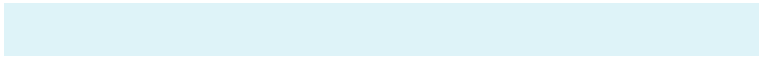
DEF3F8



FFEAED

Square

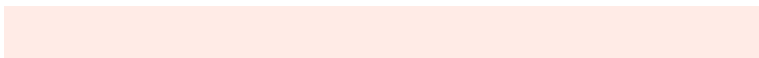
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DEF3F8



F3EDFB



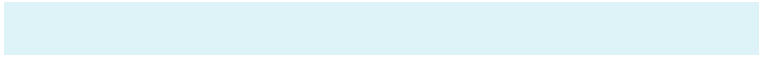
FFEBE6



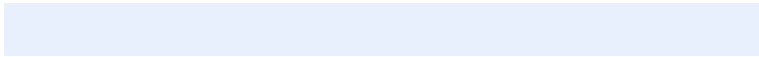
EBF2E4

Rectangle

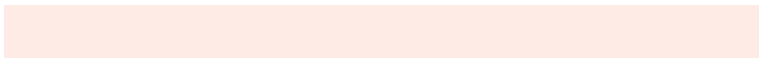
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEF3F8



E8F0FE



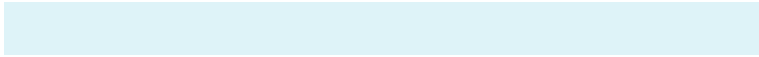
FFEBE6



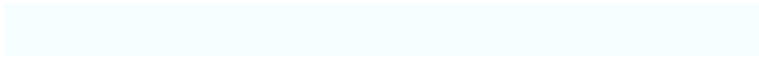
F6EEE1

Sweetspot

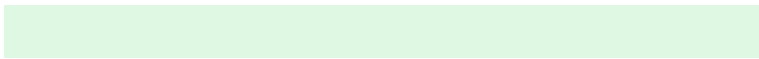
The Sweet Spot groups the original color and five complimentary colors.



DEF3F8



F7FEFF



DEF8E3



7A7F80



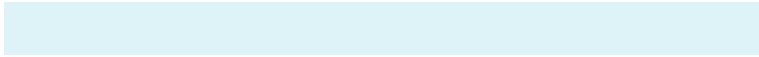
000000



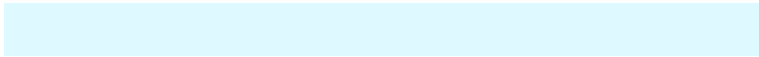
808080

Same Dimension

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



DEF3F8



DEF9FF



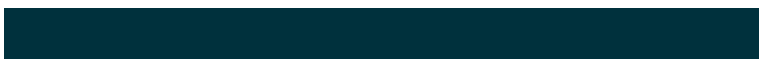
DEE6F8



707B7D



0098BD



00313D

Inverse Universe

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



F8DEF3



FFDEF9



F8F0DE



7D707B



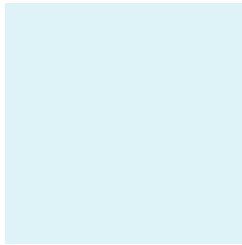
BD0098



3D0031

Previews

White Background



This preview shows how the Hex color DEF3F8 looks on a white background.

Color Contrast Check

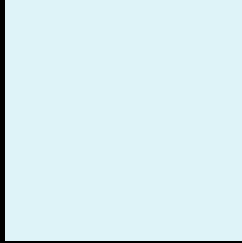
Large Text (above 18pt) WCAG AA × Fail

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 DEF3F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

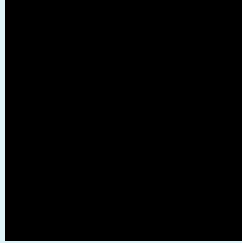
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

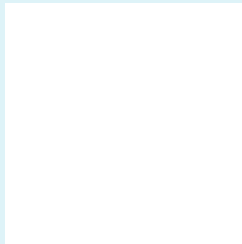
Any Text WCAG AAA ✓ Pass

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

Hex DEF3F8 Background



This preview shows how black text looks on a background with the Hex color DEF3F8.



This preview shows how white text looks on a background with the Hex color DEF3F8.

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](#).

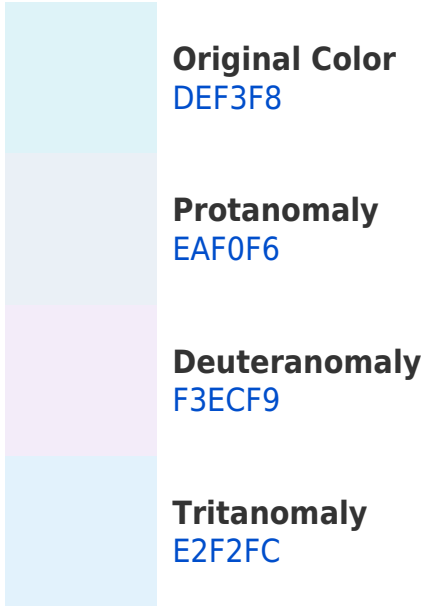
Dichromacy



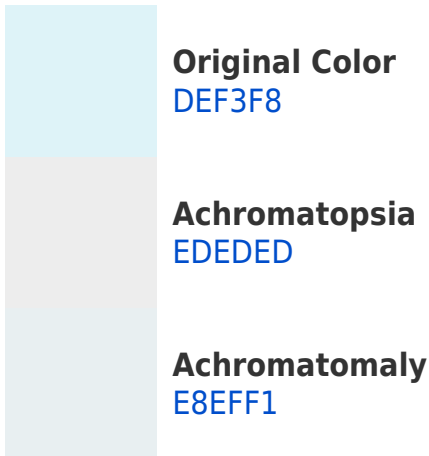


Tritanopia
E4F1FF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEF3F8 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 #DEF3F8 looks like.

```
.text, #text, p{  
    color:#DEF3F8  
}
```

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 #DEF3F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEF3F8  
}
```

Border

The CSS property to change the border of an element to Hex DEF3F8 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  
#DEF3F8 }
```

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

```
.border{ border-color:#DEF3F8 }
```

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

Here you see how a box with a 4 pixel #DEF3F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEF3F8; -webkit-box-shadow:4px 4px  
4px 4px #DEF3F8; box-shadow:4px 4px 4px  
4px #DEF3F8 }
```

Background

The CSS property to change the background color of an element to Hex DEF3F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEF3F8 }
```

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

```
.background{ background-color:#DEF3F8 }
```

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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