

Converting Colors

Hex(DCF9FE)

Have a look what the booklet for
Hex(DCF9FE) contains.

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Color

Hex(DCF9FE)

Conversions

Conversions Part 1

Format	Color
Hex	DCF9FE
RGB	220, 249, 254
RGB Percent	86%, 98%, 100%
CMY	0.1373, 0.0235, 0.0039
CMYK	0.13, 0.02, 0.00, 0.00
HSL	189°, 94%, 93%
HSV	189°, 13%, 100%
XYZ	81.2803, 90.1228, 106.8774
YIQ	240.8990, -18.8890, -4.5930

Conversions

Conversions Part 2

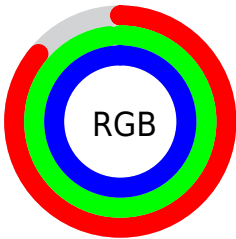
Format	Color
R _Y B	220, 236, 254
Decimal	14481918
CIE Lab	96.05, -8.37, -5.58
CIE LCh	96, 10.062, 213.673
Yxy	90.1228, 0.2921, 0.3239
Android (android.graphics.Color)	4292671998 (0xFFDC9FE)
YUV	240.8990, 6.4588, -18.3284
Hunter-Lab	94.9330, -13.3036, -0.2967

Details

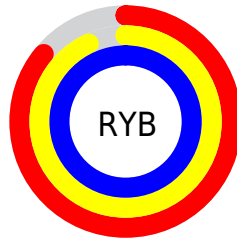
The Hex color `DCF9FE` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `FEE1DC`, and the grayscale version is `F1F1F1`.

A 20% lighter version of the original color is `FFFFFF`, and `A5C1C5` is the 20% darker color. If you saturate the color by 10%, you get `C3F5FE`, and if you desaturate by 10%, it is `F5FDFF`.

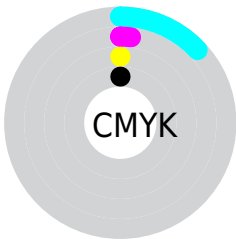
Distribution



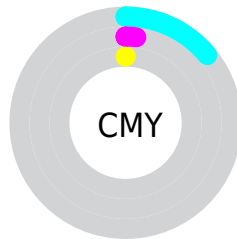
- Red (86%)
- Green (98%)
- Blue (100%)



- Red (86%)
- Yellow (93%)
- Blue (100%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCF9FE 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 DCF9FE by changing the saturation by 10% instead.

 DCF9FE

FFFFFF

 DCF9FE

 C0DCE1

 A5C1C5

 8AA5AA

 708B90

 587276

 40595D

 294246

 122C30

 00171B

 DCF9FE

 DCF9FE

 C3F5FE

 F5FDFF

 A9F2FE

FFFFFFE


 90EEFE

 76EAFE

 5DE6FE

 44E3FE

 2ADFFE

 11DBFE

 00D9FE

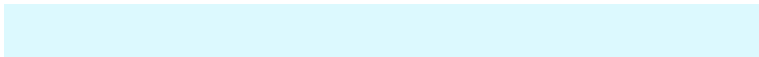
Harmonies

Analogous

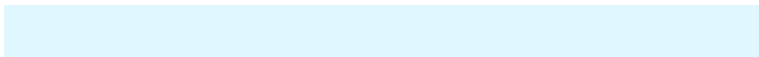
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DEFAF4



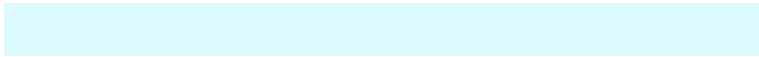
DCF9FE



E1F7FF

Triad

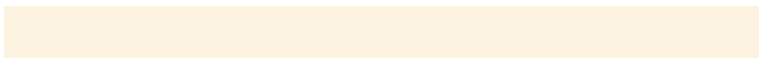
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCF9FE



FFEEFC



FBF3E0

Complementary

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



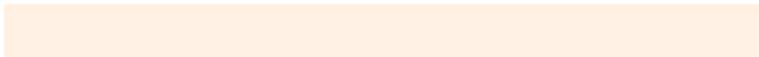
DCF9FE



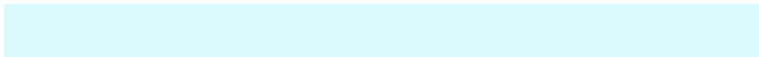
FEE1DC

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.



FFF0E2



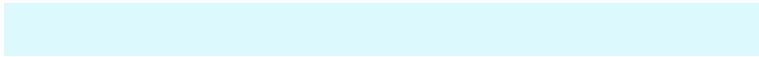
DCF9FE



FFEDF3

Square

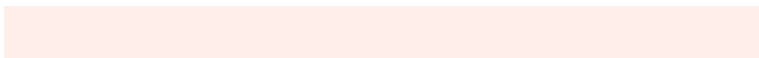
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCF9FE



F7F1FF



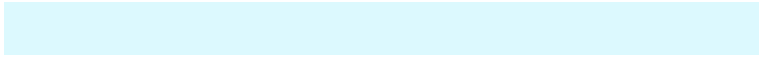
FFEEE9



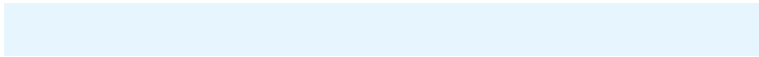
EFF6E3

Rectangle

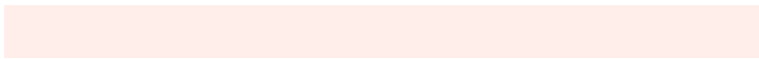
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



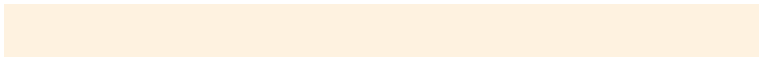
DCF9FE



E7F5FF



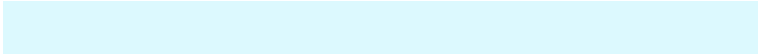
FFEEE9



FEF2E0

Sweetspot

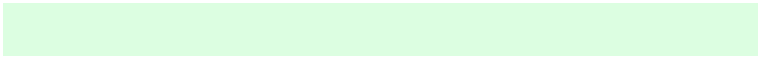
The Sweet Spot groups the original color and five complimentary colors.



DCF9FE



F5FEFF



DCFEE1



797F80



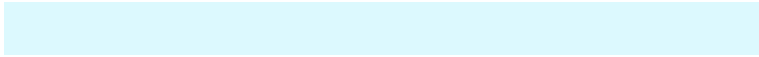
000000



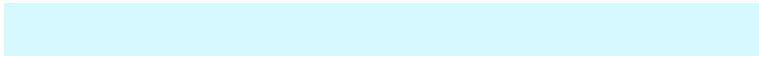
808080

Same Dimension

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



DCF9FE



D6F9FF



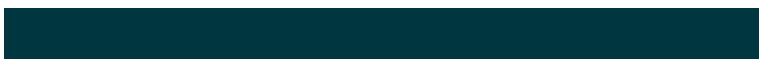
DCE8FE



737E80



00A3BF



003640

Inverse Universe

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



FEDCF9



FFD6F9



FEF2DC



80737E



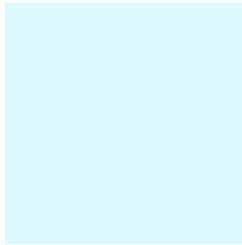
BF00A3



400036

Previews

White Background



This preview shows how the Hex color DCF9FE looks on a white background.

Color Contrast Check

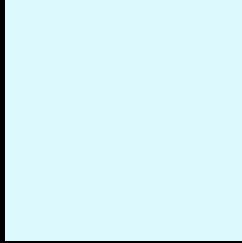
Large Text (above 18pt) WCAG AA × Fail

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 DCF9FE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

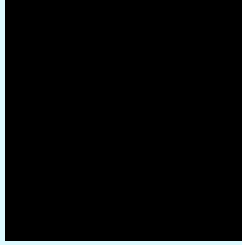
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

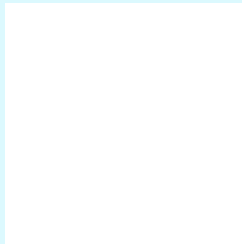
Any Text WCAG AAA ✓ Pass

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

Hex DCF9FE Background



This preview shows how black text looks on a background with the Hex color DCF9FE.

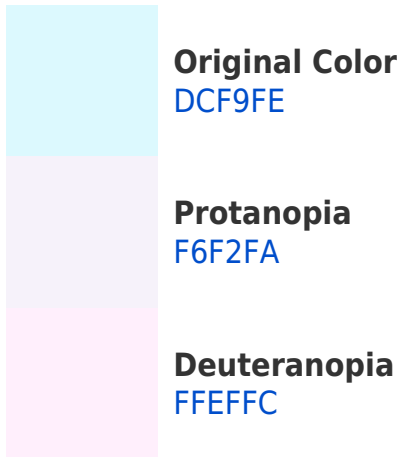


This preview shows how white text looks on a background with the Hex color DCF9FE.

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](#).

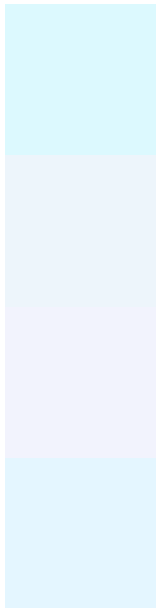
Dichromacy





Tritanopia
E9F5FF

Trichromacy



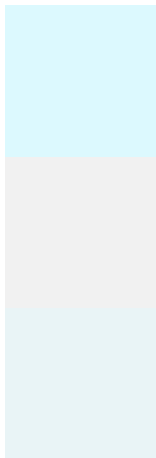
Original Color
DCF9FE

Protanomaly
EDF5FB

Deuteranomaly
F2F3FD

Tritanomaly
E4F6FF

Monochromacy



Original Color
DCF9FE

Achromatopsia
F1F1F1

Achromatomaly
E9F4F6

CSS Examples

Text

The CSS property to change the color of the text to Hex DCF9FE 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 #DCF9FE looks like.

```
.text, #text, p{  
    color:#DCF9FE  
}
```

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 #DCF9FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCF9FE
}
```

Border

The CSS property to change the border of an element to Hex DCF9FE 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
#DCF9FE }
```

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

```
.border{ border-color:#DCF9FE }
```

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

Here you see how a box with a 4 pixel #DCF9FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCF9FE; -webkit-box-shadow:4px 4px  
4px 4px #DCF9FE; box-shadow:4px 4px 4px  
4px #DCF9FE }
```

Background

The CSS property to change the background color of an element to Hex DCF9FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCF9FE }
```

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

```
.background{ background-color:#DCF9FE }
```

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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