

Converting Colors

Hex(D3FAFE)

Have a look what the booklet for
Hex(D3FAFE) contains.

Hex(D3FAFE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D3FAFE)

Conversions

Conversions Part 1

Format	Color
Hex	D3FAFE
RGB	211, 250, 254
RGB Percent	83%, 98%, 100%
CMY	0.1725, 0.0196, 0.0039
CMYK	0.17, 0.02, 0.00, 0.00
HSL	186°, 96%, 91%
HSV	186°, 17%, 100%
XYZ	78.9390, 89.3759, 106.8567
YIQ	238.7950, -24.5280, -7.0240

Conversions

Conversions Part 2

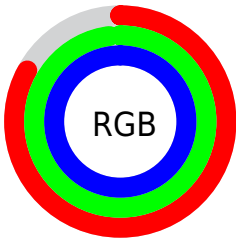
Format	Color
R _Y B	211, 231, 254
Decimal	13892350
CIE Lab	95.74, -11.64, -6.10
CIE LCh	96, 13.140, 207.667
Yxy	89.3759, 0.2869, 0.3248
Android (android.graphics.Color)	4292082430 (0xFFD3FAFE)
YUV	238.7950, 7.4961, -24.3762
Hunter-Lab	94.5388, -16.3972, -0.8380

Details

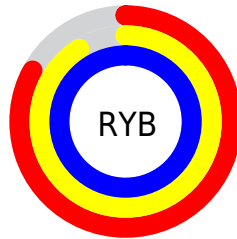
The Hex color **D3FAFE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FED7D3**, and the grayscale version is **EFEFEF**.

A 20% lighter version of the original color is **FFFFFF**, and **9CC2C5** is the 20% darker color. If you saturate the color by 10%, you get **BAF8FE**, and if you desaturate by 10%, it is **ECFCFE**.

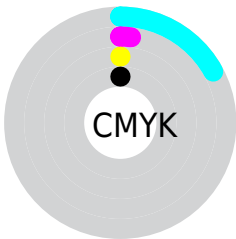
Distribution



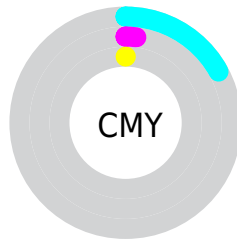
- Red (83%)
- Green (98%)
- Blue (100%)



- Red (83%)
- Yellow (91%)
- Blue (100%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3FAFE 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 D3FAFE by changing the saturation by 10% instead.

 D3FAFE

FFFFFF

 D3FAFE

 B7DDE1

 9CC2C5

 81A6AA

 688C90

 4F7276

 375A5D

 1F4246

 052C30

 00181B

 D3FAFE

 D3FAFE

 BAF8FE

 ECFCFE

 A0F5FE

FFFFFFE

 87F3FE

 6DF1FE

 54EEFE

 3BECFE

 21E9FE

 08E7FE

 00E6FE

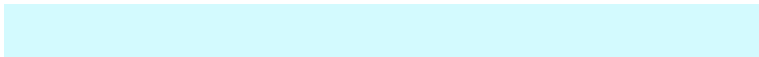
Harmonies

Analogous

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



D7FAF1



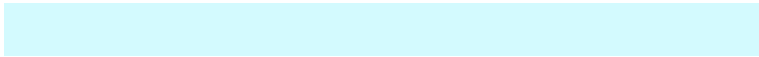
D3FAFE



D8F8FF

Triad

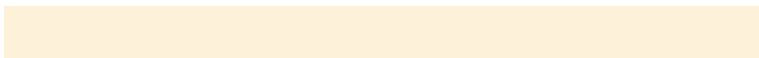
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D3FAFE



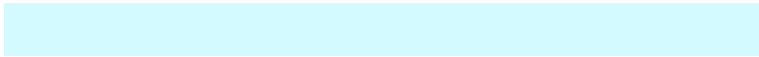
FFECFF



FEF1D9

Complementary

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



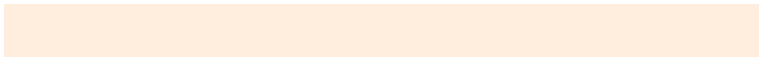
D3FAFE



FED7D3

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.



FFEDDE



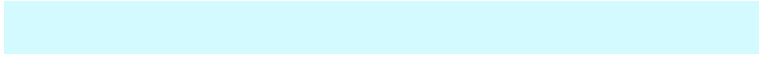
D3FAFE



FFEAF4

Square

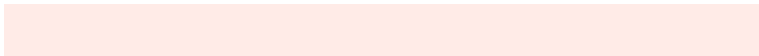
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D3FAFE



F4F0FF



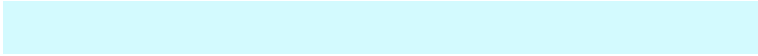
FFEBE7



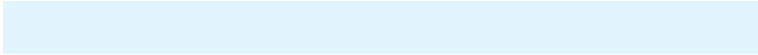
F0F6DC

Rectangle

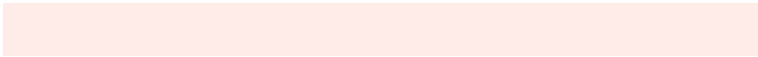
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D3FAFE



E0F5FF



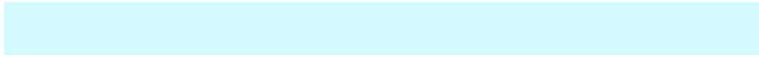
FFEBE7



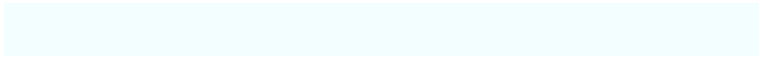
FFF0DA

Sweetspot

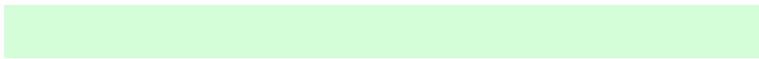
The Sweet Spot groups the original color and five complimentary colors.



D3FAFE



F2FEFF



D3FED7



787F80



000000



808080

Same Dimension

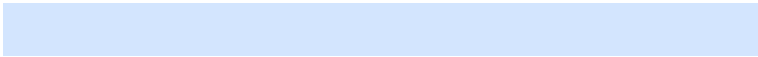
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D3FAFE



CCFAFF



D3E5FE



737E80



00ADB F



003A40

Inverse Universe

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



FED3FA



FFCCFA



FEECD3



80737E



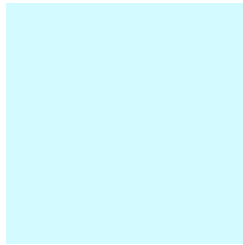
BF00AD



40003A

Previews

White Background



This preview shows how the Hex color D3FAFE looks on a white background.

Color Contrast Check

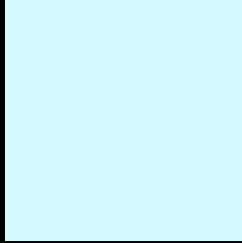
Large Text (above 18pt) WCAG AA × Fail

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 D3FAFE 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 D3FAFE Background



This preview shows how black text looks on a background with the Hex color D3FAFE.

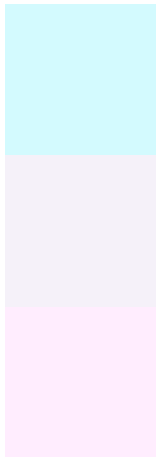


This preview shows how white text looks on a background with the Hex color D3FAFE.

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



Original Color
D3FAFE

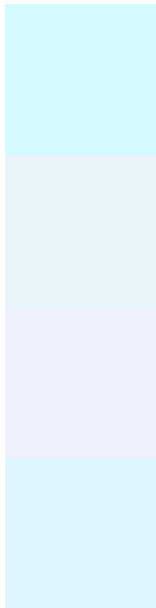
Protanopia
F5F1F9

Deuteranopia
FFEDFE



Tritanopia
E5F5FF

Trichromacy



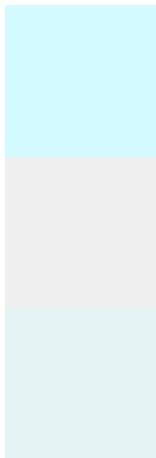
Original Color
D3FAFE

Protanomaly
E9F4FB

Deuteranomaly
EFF2FE

Tritanomaly
DEF7FF

Monochromacy



Original Color
D3FAFE

Achromatopsia
EFEFEF

Achromatomaly
E5F3F4

CSS Examples

Text

The CSS property to change the color of the text to Hex D3FAFE 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 #D3FAFE looks like.

```
.text, #text, p{  
    color:#D3FAFE  
}
```

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 #D3FAFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3FAFE
}
```

Border

The CSS property to change the border of an element to Hex D3FAFE 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
#D3FAFE }
```

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

```
.border{ border-color:#D3FAFE }
```

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

Here you see how a box with a 4 pixel #D3FAFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3FAFE; -webkit-box-shadow:4px 4px  
4px 4px #D3FAFE; box-shadow:4px 4px 4px  
4px #D3FAFE }
```

Background

The CSS property to change the background color of an element to Hex D3FAFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3FAFE }
```

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

```
.background{ background-color:#D3FAFE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor