

# Converting Colors

Hex(DFE3FE)

Have a look what the booklet for  
Hex(DFE3FE) contains.

<b>Hex(DFE3FE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DFE3FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFE3FE
RGB	223, 227, 254
RGB Percent	87%, 89%, 100%
CMY	0.1255, 0.1098, 0.0039
CMYK	0.12, 0.11, 0.00, 0.00
HSL	232°, 94%, 94%
HSV	232°, 12%, 100%
XYZ	75.7899, 77.7819, 104.7848
YIQ	228.8820, -11.0510, 7.5490

# Conversions

## Conversions Part 2

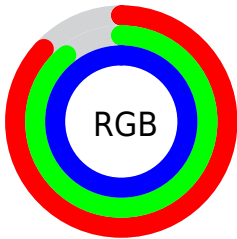
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 227, 254
Decimal	14672894
CIE Lab	90.68, 3.83, -13.53
CIE LCh	91, 14.058, 285.791
Yxy	77.7819, 0.2934, 0.3011
Android (android.graphics.Color)	4292862974 (0xFFDFE3FE)
YUV	228.8820, 12.3832, -5.1585
Hunter-Lab	88.1940, -0.9449, -8.7076

# Details

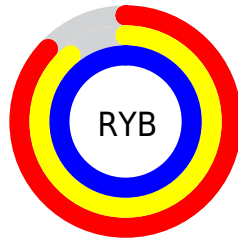
The Hex color `DFE3FE` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `FEFADF`, and the grayscale version is `E5E5E5`.

A 20% lighter version of the original color is `FFFFFF`, and `A8ACC5` is the 20% darker color. If you saturate the color by 10%, you get `C6CDFE`, and if you desaturate by 10%, it is `F8F9FE`.

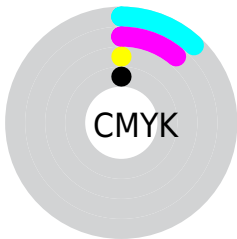
# Distribution



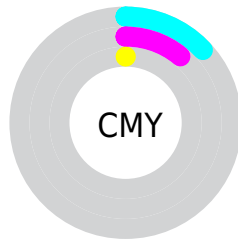
- Red (87%)
- Green (89%)
- Blue (100%)



- Red (87%)
- Yellow (89%)
- Blue (100%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFE3FE 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 DFE3FE by changing the saturation by 10% instead.



■ DFE3FE

FFFFFF

■ DFE3FE

■ C3C7E1

■ A8ACC5

■ 8D91AA

■ 737890

■ 5B5F76

■ 43475D

■ 2C3146

■ 171C2F

■ 00011B

 DFE3FE

 DFE3FE

 C6CDFE

 F8F9FE

 ACB7FE

FFFFFFE

 93A1FE


 798BFE

 6074FE

 475EFE

 2D48FE

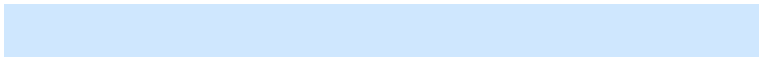
 1432FE

 0021FE

# Harmonies

## Analogous

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



CFE7FE



DFE3FE



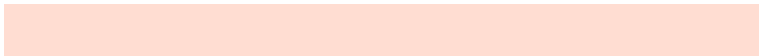
F0DFF7

# Triad

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



DFE3FE



FFDDD2



CBECDD

# Complementary

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



DFE3FE



FEFADF

# 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.



D8E9D1



DFE3FE



F6E1CB

# Square

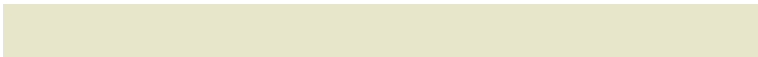
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DFE3FE



FFDBDD



E8E6CA



C3ECEB

# Rectangle

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



DFE3FE



F8DDF0



E8E6CA



CFEBD9



# Sweetspot

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



DFE3FE



F5F6FF



DFFEFA



797A80



000000



808080



# Same Dimension

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



DFE3FE



D9DEFF



EADFFE



737480



0019BF



000840



# Inverse Universe

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



FEDFE3



FFD9DE



F3FEDF



807374



BF0019

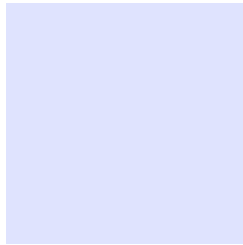


400008



# Previews

## White Background



This preview shows how the Hex color DFE3FE looks on a white background.

## Color Contrast Check

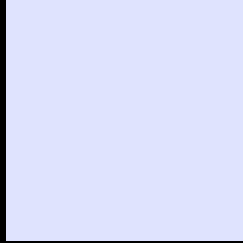
Large Text (above 18pt) WCAG AA × Fail

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 DFE3FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

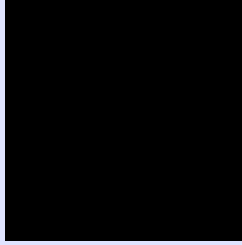
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DFE3FE Background



This preview shows how black text looks on a background with the Hex color DFE3FE.



This preview shows how white text looks on a background with the Hex color DFE3FE.

# 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](#).

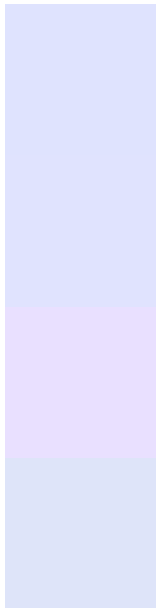
## Dichromacy





**Tritanopia**  
DEE4F6

# Trichromacy



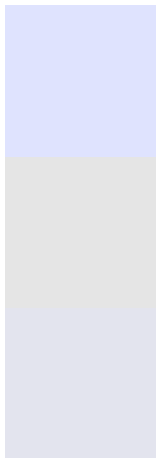
**Original Color**  
DFE3FE

**Protanomaly**  
E0E3FE

**Deuteranomaly**  
E9E0FF

**Tritanomaly**  
DEE4F9

# Monochromacy



**Original Color**  
DFE3FE

**Achromatopsia**  
E5E5E5

**Achromatomaly**  
E3E4EE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFE3FE 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 #DFE3FE looks like.

```
.text, #text, p{  
    color:#DFE3FE  
}
```

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 #DFE3FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFE3FE
}
```

## Border

The CSS property to change the border of an element to Hex DFE3FE 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
#DFE3FE }
```

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

```
.border{ border-color:#DFE3FE }
```

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

Here you see how a box with a 4 pixel #DFE3FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFE3FE; -webkit-box-shadow:4px 4px  
4px 4px #DFE3FE; box-shadow:4px 4px 4px  
4px #DFE3FE }
```

# Background

The CSS property to change the background color of an element to Hex DFE3FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFE3FE }
```

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

```
.background{ background-color:#DFE3FE }
```

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