

# Converting Colors

Hex(8DE0FC)

Have a look what the booklet for  
Hex(8DE0FC) contains.

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# **Color**

**Hex(8DE0FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DE0FC
RGB	141, 224, 252
RGB Percent	55%, 88%, 99%
CMY	0.4471, 0.1216, 0.0118
CMYK	0.44, 0.11, 0.00, 0.01
HSL	195°, 95%, 77%
HSV	195°, 44%, 99%
XYZ	55.2108, 66.0023, 101.9253
YIQ	202.3750, -58.4560, -8.8880

# Conversions

## Conversions Part 2

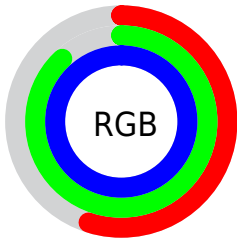
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 188, 252
Decimal	9298172
CIELab	85.00, -18.15, -21.51
CIELCh	85, 28.143, 229.851
Yxy	66.0023, 0.2474, 0.2958
Android (android.graphics.Color)	4287488252 (0xFF8DE0FC)
YUV	202.3750, 24.4651, -53.8259
Hunter-Lab	81.2418, -20.8669, -17.5155

# Details

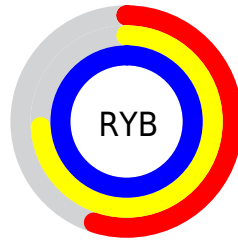
The Hex color **8DE0FC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FCA98D**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **C7FFFF**, and **53A9C3** is the 20% darker color. If you saturate the color by 10%, you get **74DAFC**, and if you desaturate by 10%, it is **A6E6FC**.

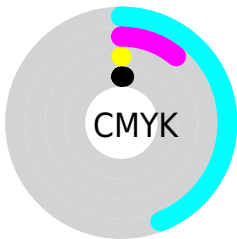
# Distribution



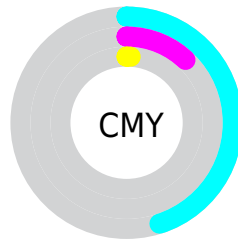
- Red (55%)
- Green (88%)
- Blue (99%)



- Red (55%)
- Yellow (74%)
- Blue (99%)



- Cyan (44%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (45%)
- Magenta (12%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DE0FC 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 8DE0FC by changing the saturation by 10% instead.



 8DE0FC

 8DE0FC

FFFFFF

 70C4DF

 C7FFFF

 53A9C3

 E5FFFF

 338EA8

 00748E

 005C74

 00445B

 002E44

 001B2D

 000119

 8DE0FC

 8DE0FC

 74DAFC

 A6E6FC

 5BD3FC

 BFEDFC

 41CDFC

 D9F3FC

 28C7FC

 F2F9FC

 0FC0FC

FFFFFFC

 00BCFC

# Harmonies

## Analogous

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



89E3E5



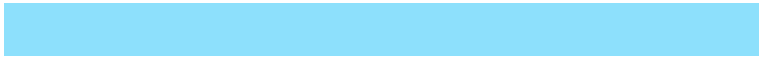
8DE0FC



A8D9FF

# Triad

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



8DE0FC



FFC2DE



D5D8A2

# Complementary

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



8DE0FC



FCA98D

# 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.



F1CFA0



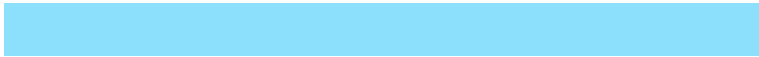
8DE0FC



FFC2C3

# Square

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



8DE0FC



EEC8F7



FFC7AD



B7DFB1

# Rectangle

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



8DE0FC



C0D4FF



FFC7AD

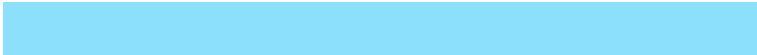


DFD5A0

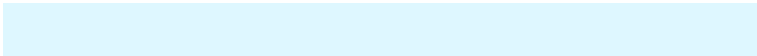


# Sweetspot

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



8DE0FC



DEF7FF



8DFCA9



6B7A80



000000



808080

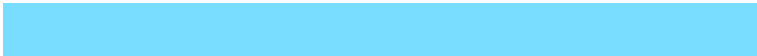


# Same Dimension

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



8DE0FC



78DDFF



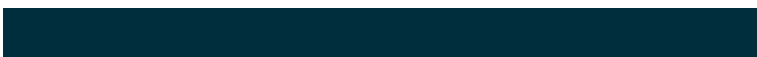
8DA9FC



707A7D



008DBD



002E3D



# Inverse Universe

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



FC8DE0



FF78DD



FCE08D



7D707A



BD008D

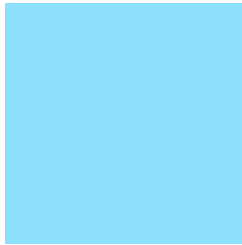


3D002E



# Previews

## White Background



This preview shows how the Hex color 8DE0FC looks on a white background.

## Color Contrast Check

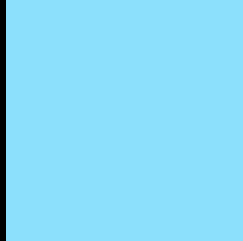
Large Text (above 18pt) WCAG AA × Fail

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 8DE0FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

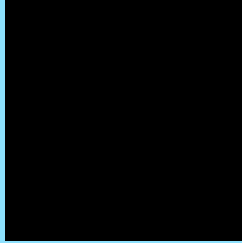
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DE0FC Background



This preview shows how black text looks on a background with the Hex color 8DE0FC.

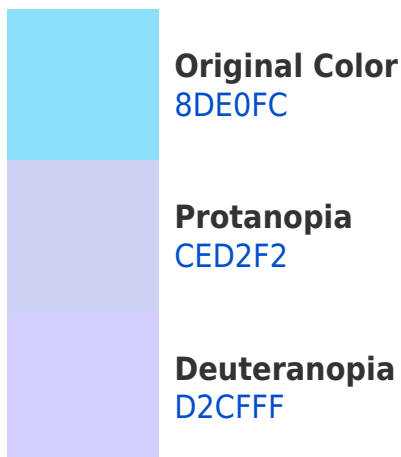


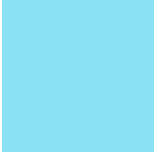
This preview shows how white text looks on a background with the Hex color 8DE0FC.

# 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](#).

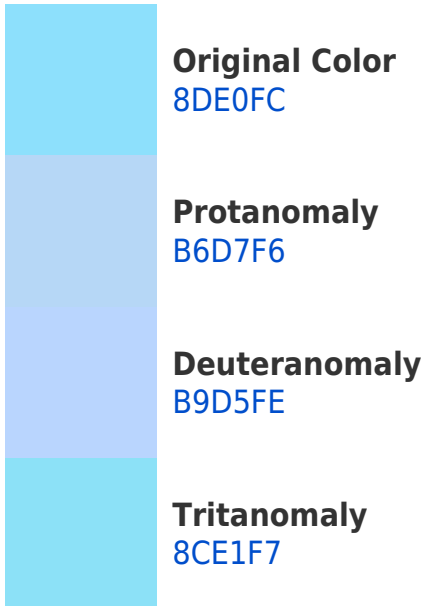
## Dichromacy



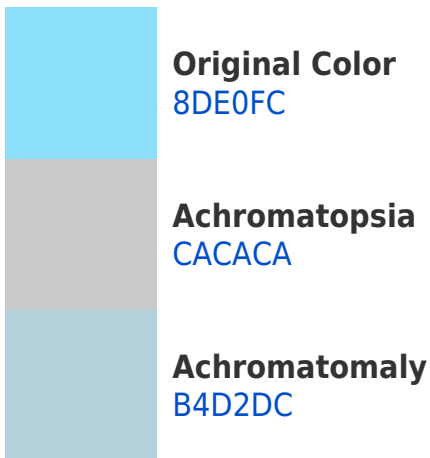


**Tritanopia**  
8BE1F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DE0FC 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 #8DE0FC looks like.

```
.text, #text, p{  
    color:#8DE0FC  
}
```

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 #8DE0FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DE0FC
}
```

## Border

The CSS property to change the border of an element to Hex 8DE0FC 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
#8DE0FC }
```

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

```
.border{ border-color:#8DE0FC }
```

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

Here you see how a box with a 4 pixel #8DE0FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DE0FC; -webkit-box-shadow:4px 4px  
4px 4px #8DE0FC; box-shadow:4px 4px 4px  
4px #8DE0FC }
```

# Background

The CSS property to change the background color of an element to Hex 8DE0FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DE0FC }
```

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

```
.background{ background-color:#8DE0FC }
```

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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