

# Converting Colors

Hex(D8E8FB)

Have a look what the booklet for  
Hex(D8E8FB) contains.

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# **Color**

**Hex(D8E8FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8E8FB
RGB	216, 232, 251
RGB Percent	85%, 91%, 98%
CMY	0.1529, 0.0902, 0.0157
CMYK	0.14, 0.08, 0.00, 0.02
HSL	213°, 81%, 92%
HSV	213°, 14%, 98%
XYZ	74.5881, 79.2772, 102.6376
YIQ	229.3820, -15.6350, 2.5170

# Conversions

## Conversions Part 2

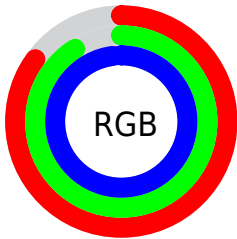
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 227, 251
Decimal	14215419
CIE Lab	91.36, -1.57, -11.00
CIE LCh	91, 11.109, 261.895
Yxy	79.2772, 0.2908, 0.3091
Android (android.graphics.Color)	4292405499 (0xFFD8E8FB)
YUV	229.3820, 10.6577, -11.7360
Hunter-Lab	89.0377, -6.2842, -6.0197

# Details

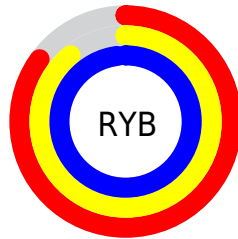
The Hex color **D8E8FB** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **FBEBD8**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **A1B0C2** is the 20% darker color. If you saturate the color by 10%, you get **BFDAFB**, and if you desaturate by 10%, it is **F1F6FB**.

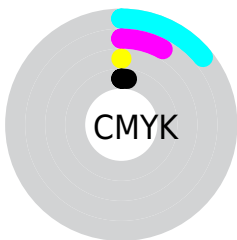
# Distribution



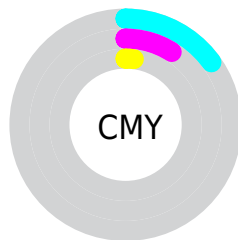
- Red (85%)
- Green (91%)
- Blue (98%)



- Red (85%)
- Yellow (89%)
- Blue (98%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (9%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8E8FB 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 D8E8FB by changing the saturation by 10% instead.



 D8E8FB

FFFFFF

 D8E8FB

 BCCCDE

 A1B0C2

 8796A7

 6D7C8D

 546373

 3D4B5B

 263543

 10202D

 000719

 D8E8FB

 D8E8FB

 BFDAFB

 F1F6FB

 A6CDFB

 FFFFFB

 8DBFFB

 74B1FB

 5BA4FB

 4196FB

 2889FB

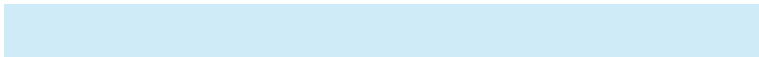
 0F7BFB

 0073FB

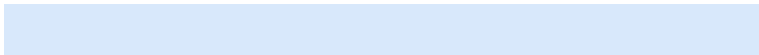
# Harmonies

## Analogous

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



CFEBF7



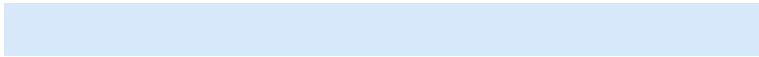
D8E8FB



E5E4FA

# Triad

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



D8E8FB



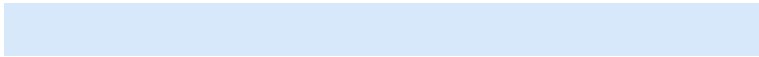
FEDDFD



DAEBD9

# Complementary

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



D8E8FB



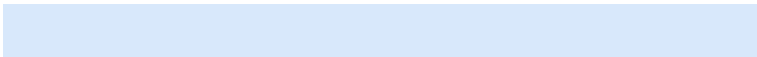
FBEBD8

# Split Complementary

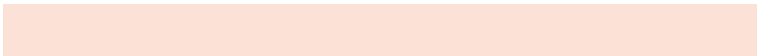
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E7E8D2



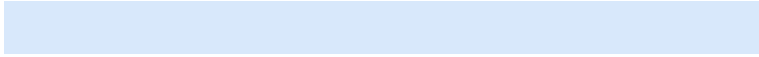
D8E8FB



FBE1D6

# Square

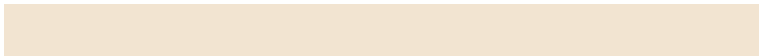
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D8E8FB



FADFEA



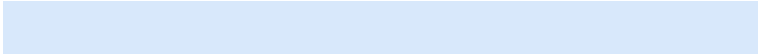
F2E4D1



D0ECE3

# Rectangle

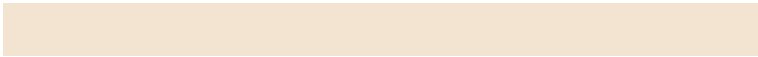
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8E8FB



EEE2F6



F2E4D1

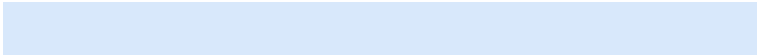


DEEAD6



# Sweetspot

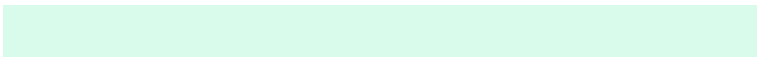
The Sweet Spot groups the original color and five complimentary colors.



D8E8FB



F5F9FF



D8FBEB



797C80



000000

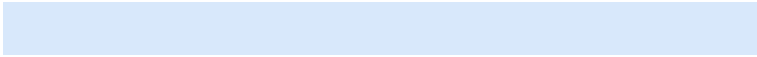


808080

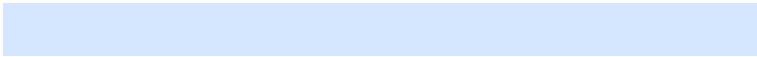


# Same Dimension

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



D8E8FB



D4E7FF



D9D8FB



70767D



0056BD



001C3D



# Inverse Universe

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



FBD8E8



FFD4E7



FAFBD8



7D7076



BD0056

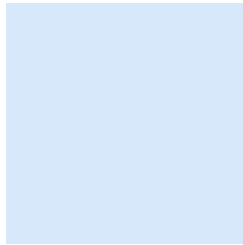


3D001C



# Previews

## White Background



This preview shows how the Hex color D8E8FB looks on a white background.

## Color Contrast Check

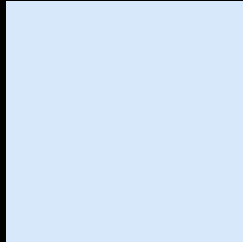
Large Text (above 18pt) WCAG AA × Fail

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 D8E8FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

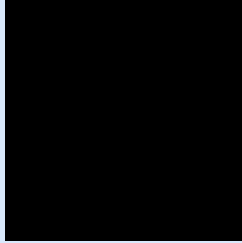
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

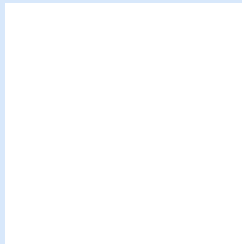
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D8E8FB Background



This preview shows how black text looks on a background with the Hex color D8E8FB.



This preview shows how white text looks on a background with the Hex color D8E8FB.

# 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**  
D8E8FB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8E8FB 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 #D8E8FB looks like.

```
.text, #text, p{  
    color:#D8E8FB  
}
```

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 #D8E8FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8E8FB  
}
```

## Border

The CSS property to change the border of an element to Hex D8E8FB 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  
#D8E8FB }
```

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

```
.border{ border-color:#D8E8FB }
```

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

Here you see how a box with a 4 pixel #D8E8FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8E8FB; -webkit-box-shadow:4px 4px  
4px 4px #D8E8FB; box-shadow:4px 4px 4px  
4px #D8E8FB }
```

# Background

The CSS property to change the background color of an element to Hex D8E8FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8E8FB }
```

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

```
.background{ background-color:#D8E8FB }
```

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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