

# Converting Colors

Hex(8ED2FF)

Have a look what the booklet for  
Hex(8ED2FF) contains.

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# **Color**

**Hex(8ED2FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8ED2FF
RGB	142, 210, 255
RGB Percent	56%, 82%, 100%
CMY	0.4431, 0.1765, 0.0000
CMYK	0.44, 0.18, 0.00, 0.00
HSL	204°, 100%, 78%
HSV	204°, 44%, 100%
XYZ	52.2519, 59.0640, 103.2543
YIQ	194.7980, -54.9730, -0.4210

# Conversions

## Conversions Part 2

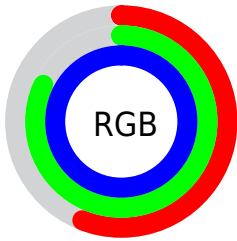
Format	Color
<a href="#">RYB</a>	<a href="#">142, 184, 255</a>
Decimal	<a href="#">9360127</a>
CIELab	<a href="#">81.33, -9.91, -28.69</a>
CIElCh	<a href="#">81, 30.352, 250.936</a>
Yxy	<a href="#">59.0640, 0.2435, 0.2753</a>
Android (android.graphics.Color)	<a href="#">4287550207</a> ( <a href="#">0xFF8ED2FF</a> )
YUV	<a href="#">194.7980, 29.6796, -46.3038</a>
Hunter-Lab	<a href="#">76.8531, -13.1319, -25.8606</a>

# Details

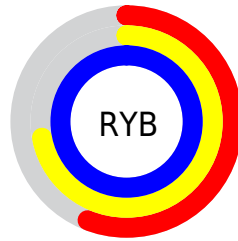
The Hex color **8ED2FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFBB8E**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C8FFFF**, and **549CC6** is the 20% darker color. If you saturate the color by 10%, you get **75C8FF**, and if you desaturate by 10%, it is **A8DCFF**.

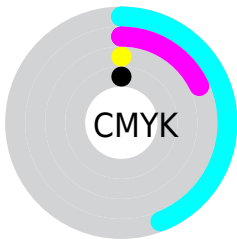
# Distribution



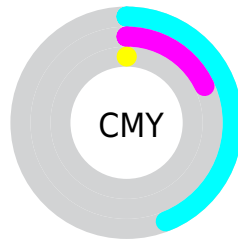
- Red (56%)
- Green (82%)
- Blue (100%)



- Red (56%)
- Yellow (72%)
- Blue (100%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8ED2FF 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 8ED2FF by changing the saturation by 10% instead.



 8ED2FF

 8ED2FF

FFFFFF

 71B6E2

 C8FFFF

 549CC6

 E5FFFF

 3582AB

 086890

 005076

 003A5D

 002446

 000D2F

 00011A

■ 8ED2FF

■ 8ED2FF

■ 75C8FF

■ A8DCFF

■ 5BBEFF

■ C1E6FF

■ 42B4FF

■ DBF0FF

■ 28A9FF

■ F4FBFF

■ 0F9FFF

FFFFFF

■ 0099FF

# Harmonies

## Analogous

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



76D8EE



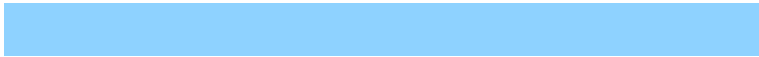
8ED2FF



B5C9FF

# Triad

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



8ED2FF



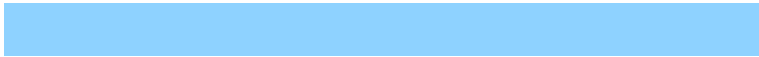
FFB5C0



B4D49E

# Complementary

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



8ED2FF



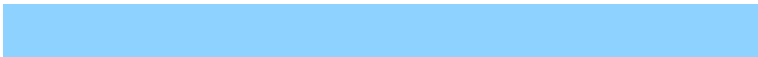
FFBB8E

# 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.



D4CC92



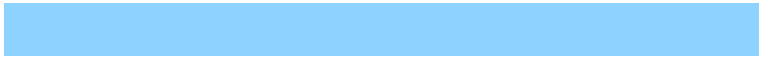
8ED2FF



FFBAA6

# Square

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



8ED2FF



F7B7DD



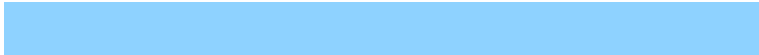
EFC295



94D9B7

# Rectangle

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



8ED2FF



D0C2FB



EFC295

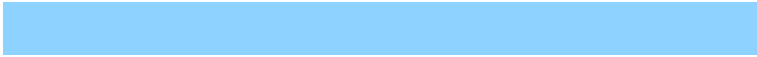


BFD199

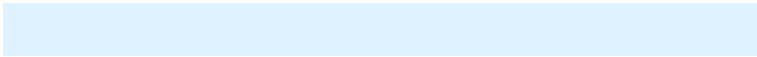


# Sweetspot

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



8ED2FF



DEF2FF



8EFFB9



6B7780



000000

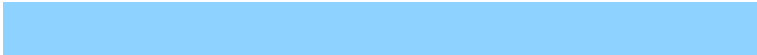


808080

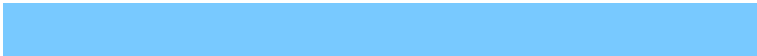


# Same Dimension

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



8ED2FF



78C9FF



8E9BFF



737A80



0073BF



002640



# Inverse Universe

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



FF8ED2



FF78C9



FFF28E



80737A



BF0073

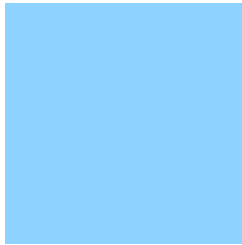


400026



# Previews

## White Background



This preview shows how the Hex color 8ED2FF looks on a white background.

## Color Contrast Check

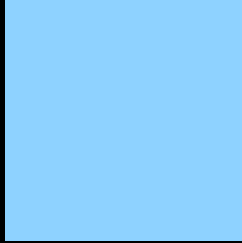
Large Text (above 18pt) WCAG AA × Fail

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 8ED2FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

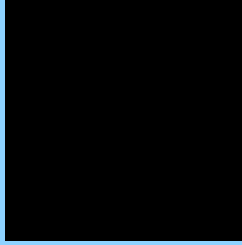
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8ED2FF Background



This preview shows how black text looks on a background with the Hex color 8ED2FF.

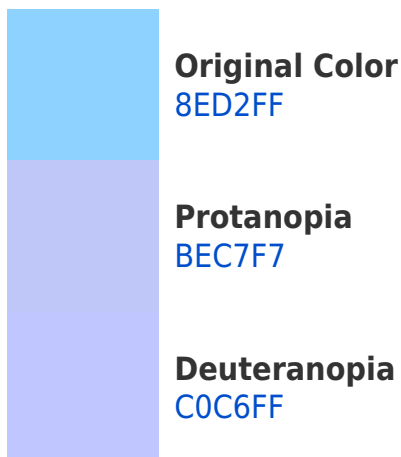


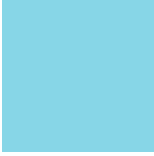
This preview shows how white text looks on a background with the Hex color 8ED2FF.

# 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](#).

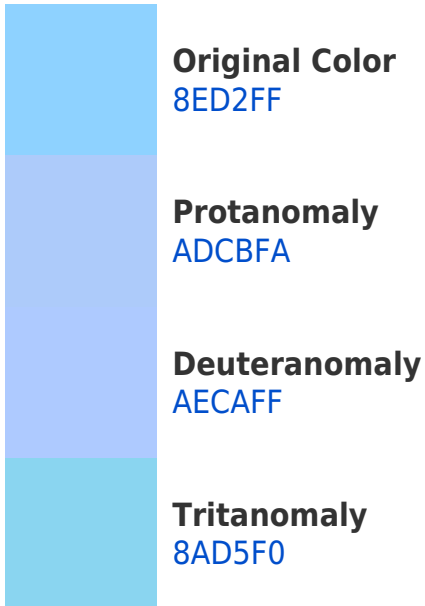
## Dichromacy



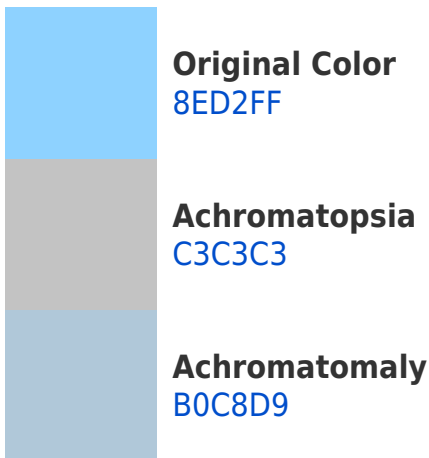


**Tritanopia**  
87D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8ED2FF 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 #8ED2FF looks like.

```
.text, #text, p{  
    color:#8ED2FF  
}
```

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 #8ED2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ED2FF  
}
```

## Border

The CSS property to change the border of an element to Hex 8ED2FF 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  
#8ED2FF }
```

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

```
.border{ border-color:#8ED2FF }
```

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

Here you see how a box with a 4 pixel #8ED2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ED2FF; -webkit-box-shadow:4px 4px  
4px 4px #8ED2FF; box-shadow:4px 4px 4px  
4px #8ED2FF }
```

# Background

The CSS property to change the background color of an element to Hex 8ED2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ED2FF }
```

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

```
.background{ background-color:#8ED2FF }
```

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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