

Converting Colors

Hex(9ED8F0)

Have a look what the booklet for
Hex(9ED8F0) contains.

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Color

Hex(9ED8F0)

Conversions

Conversions Part 1

Format	Color
Hex	9ED8F0
RGB	158, 216, 240
RGB Percent	62%, 85%, 94%
CMY	0.3804, 0.1529, 0.0588
CMYK	0.34, 0.10, 0.00, 0.06
HSL	198°, 73%, 78%
HSV	198°, 34%, 94%
XYZ	54.3846, 62.6721, 91.6686
YIQ	201.3940, -42.2720, -4.8320

Conversions

Conversions Part 2

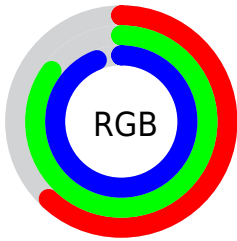
Format	Color
RYB	158, 192, 240
Decimal	10410224
CIELab	83.27, -12.79, -17.70
CIElCh	83, 21.834, 234.143
Yxy	62.6721, 0.2606, 0.3003
Android (android.graphics.Color)	4288600304 (0xFF9ED8F0)
YUV	201.3940, 19.0328, -38.0565
Hunter-Lab	79.1657, -15.9156, -13.2379

Details

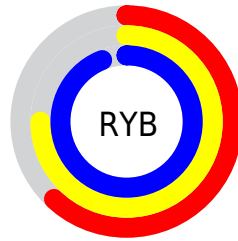
The Hex color **9ED8F0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F0B69E**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D7FFFF**, and **67A1B8** is the 20% darker color. If you saturate the color by 10%, you get **86D1F0**, and if you desaturate by 10%, it is **B6DFF0**.

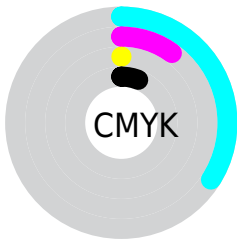
Distribution



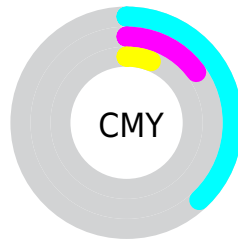
- Red (62%)
- Green (85%)
- Blue (94%)



- Red (62%)
- Yellow (75%)
- Blue (94%)



- Cyan (34%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (38%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9ED8F0 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 9ED8F0 by changing the saturation by 10% instead.

 9ED8F0

 9ED8F0

FFFFFF

 82BCD4

 D7FFFF

 67A1B8

 F4FFFF

 4C879D

 316E83

 0F556A

 003E51

 00283A

 001425

 00010E

 9ED8F0

 9ED8F0

 86D1F0

 B6DFF0

 6ECAF0

 CEE6F0

 56C3F0

 E6EDF0

 3EBCF0

 FEF4F0

 26B5F0

 FFFBF0

 0EAEF0

 FFFFF0

 00AAF0

Harmonies

Analogous

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



98DBDF



9ED8F0



B3D3F8

Triad

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



9ED8F0



F6C1D4



CED3AA

Complementary

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



9ED8F0



F0B69E

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.



E3CDA7



9ED8F0



FAC2C0

Square

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



9ED8F0



E6C5E8



F3C6AF



B6D8B7

Rectangle

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



9ED8F0



C5CEF7



F3C6AF



D5D1A8

Sweetspot

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



9ED8F0



E6F8FF



9EF0B5



707B80



000000



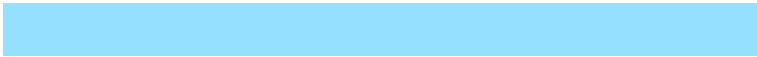
808080

Same Dimension

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



9ED8F0



96E0FF



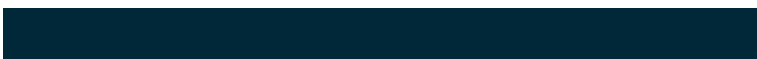
9EB0F0



6C7478



0082B8



002838

Inverse Universe

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



F09ED8



FF96E0



F0DE9E



786C74



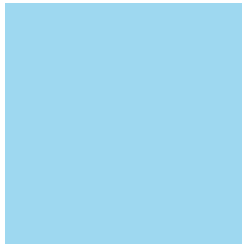
B80082



380028

Previews

White Background



This preview shows how the Hex color 9ED8F0 looks on a white background.

Color Contrast Check

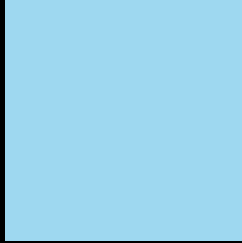
Large Text (above 18pt) WCAG AA × Fail

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 9ED8F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

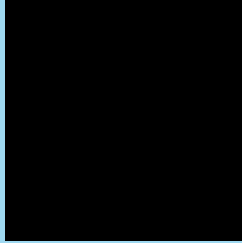
Any Text WCAG AA ✓ Pass

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 9ED8F0 Background



This preview shows how black text looks on a background with the Hex color 9ED8F0.

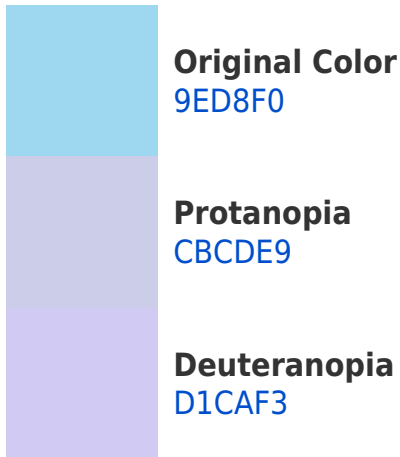


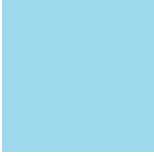
This preview shows how white text looks on a background with the Hex color 9ED8F0.

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](#).

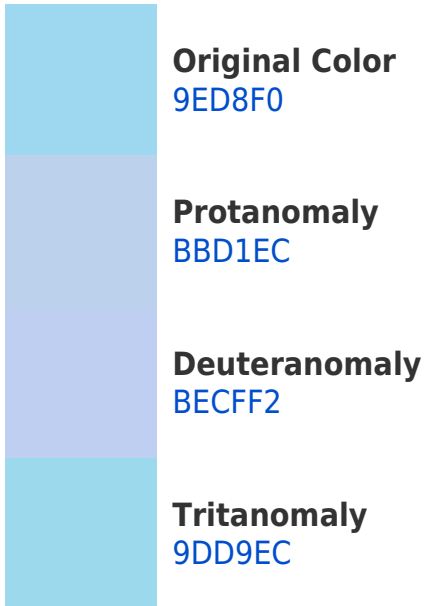
Dichromacy



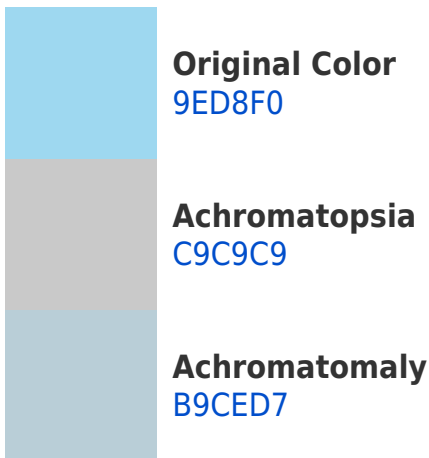


Tritanopia
9DD9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9ED8F0 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 #9ED8F0 looks like.

```
.text, #text, p{  
    color:#9ED8F0  
}
```

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 #9ED8F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ED8F0  
}
```

Border

The CSS property to change the border of an element to Hex 9ED8F0 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  
#9ED8F0 }
```

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

```
.border{ border-color:#9ED8F0 }
```

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

Here you see how a box with a 4 pixel #9ED8F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ED8F0; -webkit-box-shadow:4px 4px  
4px 4px #9ED8F0; box-shadow:4px 4px 4px  
4px #9ED8F0 }
```

Background

The CSS property to change the background color of an element to Hex 9ED8F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ED8F0 }
```

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

```
.background{ background-color:#9ED8F0 }
```

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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