

# Converting Colors

Hex(95E5F7)

Have a look what the booklet for  
Hex(95E5F7) contains.

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# **Color**

**Hex(95E5F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95E5F7
RGB	149, 229, 247
RGB Percent	58%, 90%, 97%
CMY	0.4157, 0.1020, 0.0314
CMYK	0.40, 0.07, 0.00, 0.03
HSL	191°, 86%, 78%
HSV	191°, 40%, 97%
XYZ	57.2022, 69.1436, 98.3269
YIQ	207.1320, -53.4580, -11.3620

# Conversions

## Conversions Part 2

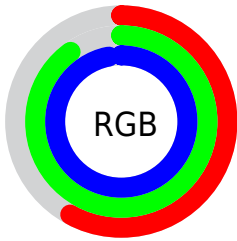
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">149, 193, 247</a>
Decimal	<a href="#">9823735</a>
CIELab	<a href="#">86.58, -19.99, -16.46</a>
CIElCh	<a href="#">87, 25.895, 219.473</a>
Yxy	<a href="#">69.1436, 0.2546, 0.3078</a>
Android (android.graphics.Color)	<a href="#">4288013815 (0xFF95E5F7)</a>
YUV	<a href="#">207.1320, 19.6549, -50.9818</a>
Hunter-Lab	<a href="#">83.1526, -22.7236, -11.9028</a>

# Details

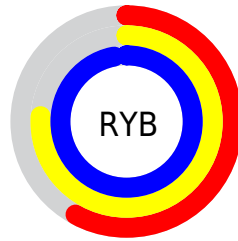
The Hex color **95E5F7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F7A795**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **CFFFFFF**, and **5CADBF** is the 20% darker color. If you saturate the color by 10%, you get **7CE0F7**, and if you desaturate by 10%, it is **AEEAF7**.

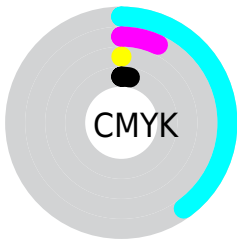
# Distribution



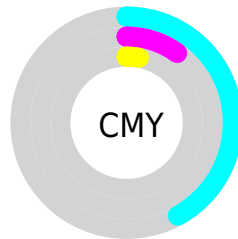
- Red (58%)
- Green (90%)
- Blue (97%)



- Red (58%)
- Yellow (76%)
- Blue (97%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (42%)
- Magenta (10%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95E5F7 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 95E5F7 by changing the saturation by 10% instead.



 95E5F7

 95E5F7

FFFFFF

 79C9DA

 CFFFFFF

 5CADBF

 ECFFFF

 3F93A4

 1D7989

 006070

 004857

 003140

 001E2A

 000116

 95E5F7

 95E5F7

 7CE0F7

 AEEAF7

 64DCF7

 C6EEF7

 4BD7F7

 DFF3F7

 32D3F7

 F8F7F7

 1ACEF7

 FFFCF7

 01CAF7

 FFFFF7

 00CAF7

# Harmonies

## Analogous

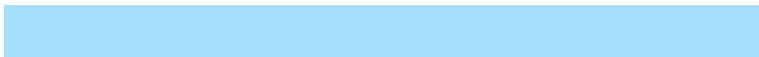
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98E7E0



95E5F7



A7E0FF

# Triad

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



95E5F7



FFC9EA



E3DAA8

# Complementary

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



95E5F7



F7A795

# 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.



FAD1AB



95E5F7



FFC7D2

# Square

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



95E5F7



E7D0FF



FFCABB



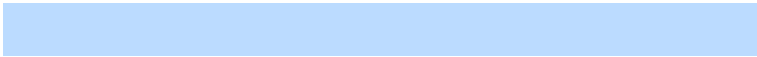
C8E1B2

# Rectangle

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



95E5F7



BBDBFF



FFCABB



ECD7A8



# Sweetspot

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



95E5F7



E0F9FF



95F7A7



6E7C80



000000



808080

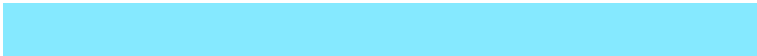


# Same Dimension

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



95E5F7



85E9FF



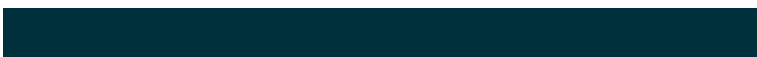
95B4F7



6E787A



0098BA



00303B



# Inverse Universe

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



F795E5



FF85E9



F7D895



7A6E78



BA0098

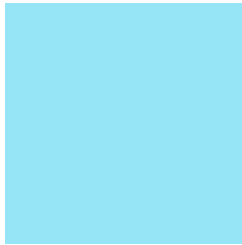


3B0030



# Previews

## White Background



This preview shows how the Hex color 95E5F7 looks on a white background.

## Color Contrast Check

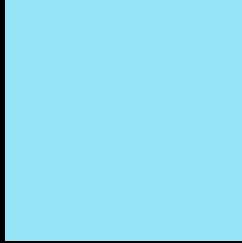
Large Text (above 18pt) WCAG AA × Fail

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 95E5F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

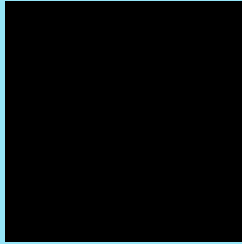
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 95E5F7 Background



This preview shows how black text looks on a background with the Hex color 95E5F7.

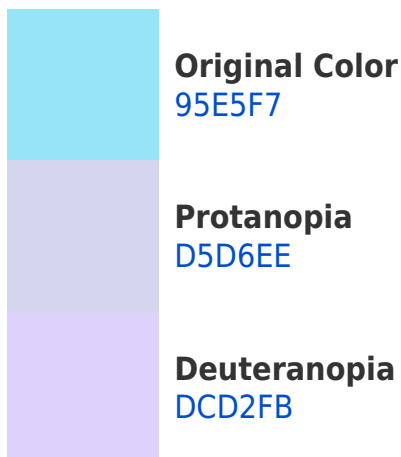


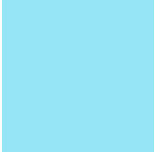
This preview shows how white text looks on a background with the Hex color 95E5F7.

# 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](#).

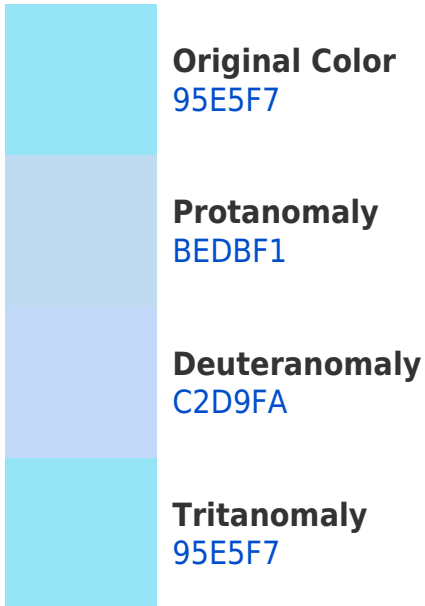
## Dichromacy



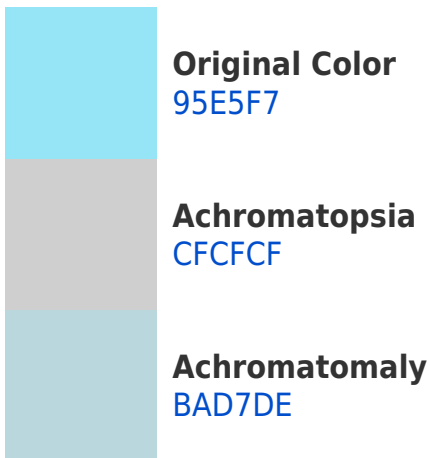


**Tritanopia**  
95E5F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95E5F7 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 #95E5F7 looks like.

```
.text, #text, p{  
    color:#95E5F7  
}
```

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 #95E5F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95E5F7
}
```

## Border

The CSS property to change the border of an element to Hex 95E5F7 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
#95E5F7 }
```

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

```
.border{ border-color:#95E5F7 }
```

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

Here you see how a box with a 4 pixel #95E5F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95E5F7; -webkit-box-shadow:4px 4px  
4px 4px #95E5F7; box-shadow:4px 4px 4px  
4px #95E5F7 }
```

# Background

The CSS property to change the background color of an element to Hex 95E5F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95E5F7 }
```

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

```
.background{ background-color:#95E5F7 }
```

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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