

# Converting Colors

Hex(91E0F7)

Have a look what the booklet for  
Hex(91E0F7) contains.

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# **Color**

**Hex(91E0F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91E0F7
RGB	145, 224, 247
RGB Percent	57%, 88%, 97%
CMY	0.4314, 0.1216, 0.0314
CMYK	0.41, 0.09, 0.00, 0.03
HSL	194°, 86%, 77%
HSV	194°, 41%, 97%
XYZ	55.1212, 66.0465, 97.8387
YIQ	203.0010, -54.4670, -9.5950

# Conversions

## Conversions Part 2

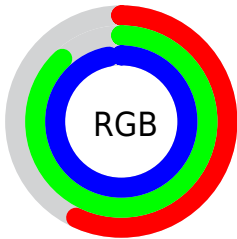
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	145, 190, 247
Decimal	9560311
CIE <sub>Lab</sub>	85.02, -18.47, -18.82
CIE <sub>LCh</sub>	85, 26.371, 225.543
Yxy	66.0465, 0.2517, 0.3016
Android (android.graphics.Color)	4287750391 (0xFF91E0F7)
YUV	203.0010, 21.6915, -50.8669
Hunter-Lab	81.2690, -21.1519, -14.4902

# Details

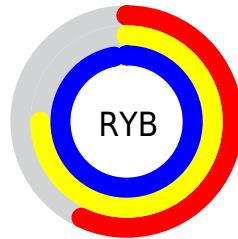
The Hex color **91E0F7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F7A891**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **CBFFFF**, and **58A9BF** is the 20% darker color. If you saturate the color by 10%, you get **78DAF7**, and if you desaturate by 10%, it is **AAE6F7**.

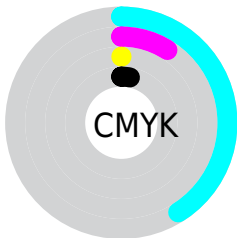
# Distribution



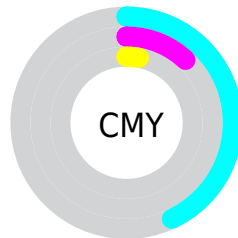
- Red (57%)
- Green (88%)
- Blue (97%)



- Red (57%)
- Yellow (75%)
- Blue (97%)



- Cyan (41%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)




- Cyan (43%)
- Magenta (12%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91E0F7 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 91E0F7 by changing the saturation by 10% instead.



 91E0F7

 91E0F7

FFFFFF

 75C4DA

 CBFFFF

 58A9BF

 E8FFFF

 3A8EA4

 147489

 005C70

 004457

 002D40

 001A2A

 000115

■ 91E0F7

■ 91E0F7

■ 78DAF7

■ AAE6F7

■ 60D5F7

■ C2EBF7

■ 47CFF7

■ DBF1F7

■ 2ECAF7

■ F4F6F7

■ 16C4F7

■ FFFCF7

■ 00BFF7

■ FFFFF7

# Harmonies

## Analogous

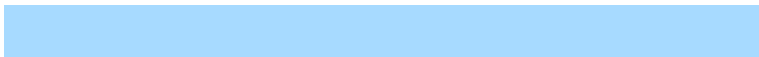
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90E3E1



91E0F7



A7DAFF

# Triad

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



91E0F7



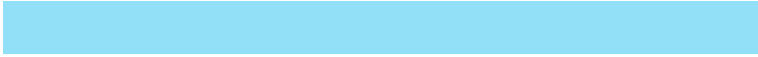
FFC4E1



DAD7A4

# Complementary

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



91E0F7



F7A891

# 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.



F2CFA5



91E0F7



FFC3C8

# Square

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



91E0F7



E8CAF7



FFC7B2



BDDEB1

# Rectangle

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



91E0F7



BDD5FF



FFC7B2



E2D4A3



# Sweetspot

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



91E0F7



E0F8FF



91F7A7



6E7B80



000000



808080

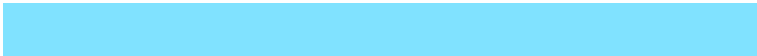


# Same Dimension

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



91E0F7



80E2FF



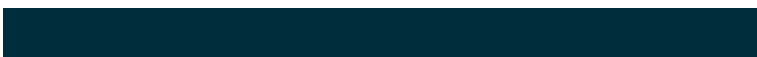
91AEF7



6E787A



0090BA



002D3B



# Inverse Universe

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



F791E0



FF80E2



F7DA91



7A6E78



BA0090

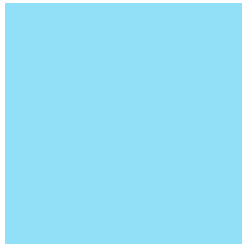


3B002D



# Previews

## White Background



This preview shows how the Hex color 91E0F7 looks on a white background.

## Color Contrast Check

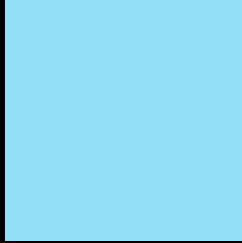
Large Text (above 18pt) WCAG AA × Fail

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 91E0F7 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 91E0F7 Background



This preview shows how black text looks on a background with the Hex color 91E0F7.

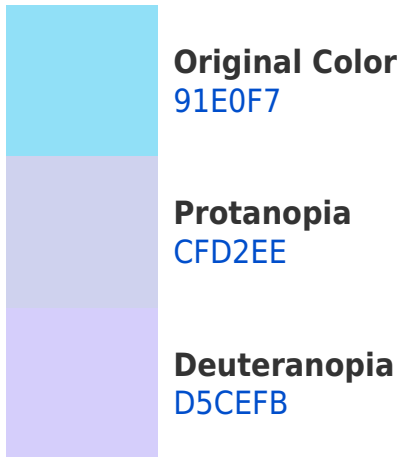


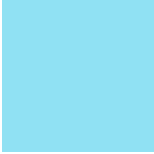
This preview shows how white text looks on a background with the Hex color 91E0F7.

# 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](#).

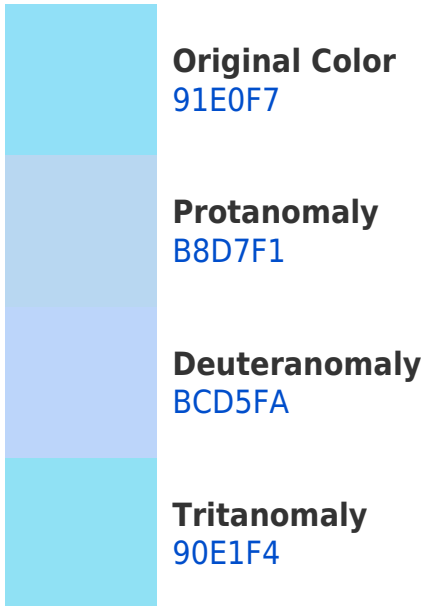
## Dichromacy



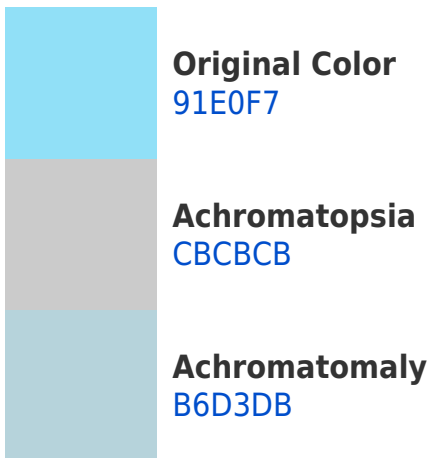


**Tritanopia**  
90E1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91E0F7 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 #91E0F7 looks like.

```
.text, #text, p{  
    color:#91E0F7  
}
```

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 #91E0F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91E0F7
}
```

## Border

The CSS property to change the border of an element to Hex 91E0F7 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
#91E0F7 }
```

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

```
.border{ border-color:#91E0F7 }
```

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

Here you see how a box with a 4 pixel #91E0F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91E0F7; -webkit-box-shadow:4px 4px  
4px 4px #91E0F7; box-shadow:4px 4px 4px  
4px #91E0F7 }
```

# Background

The CSS property to change the background color of an element to Hex 91E0F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91E0F7 }
```

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

```
.background{ background-color:#91E0F7 }
```

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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