

# Converting Colors

Hex(90E6FB)

Have a look what the booklet for  
Hex(90E6FB) contains.

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# **Color**

**Hex(90E6FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90E6FB
RGB	144, 230, 251
RGB Percent	56%, 90%, 98%
CMY	0.4353, 0.0980, 0.0157
CMYK	0.43, 0.08, 0.00, 0.02
HSL	192°, 93%, 77%
HSV	192°, 43%, 98%
XYZ	57.2110, 69.4880, 101.6640
YIQ	206.6800, -57.9970, -11.7010

# Conversions

## Conversions Part 2

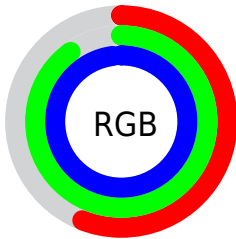
Format	Color
<a href="#">RYB</a>	<a href="#">144, 192, 251</a>
Decimal	<a href="#">9496315</a>
CIELab	<a href="#">86.75, -20.70, -18.33</a>
CIELCh	<a href="#">87, 27.651, 221.527</a>
Yxy	<a href="#">69.4880, 0.2505, 0.3043</a>
Android (android.graphics.Color)	<a href="#">4287686395</a> ( <a href="#">0xFF90E6FB</a> )
YUV	<a href="#">206.6800, 21.8498, -54.9704</a>
Hunter-Lab	<a href="#">83.3594, -23.3714, -13.9576</a>

# Details

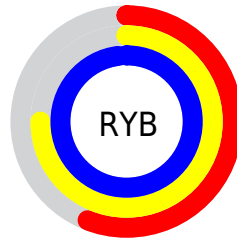
The Hex color **90E6FB** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FBA590**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **CAFFFF**, and **56AEC2** is the 20% darker color. If you saturate the color by 10%, you get **77E1FB**, and if you desaturate by 10%, it is **A9EBFB**.

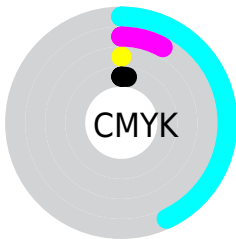
# Distribution



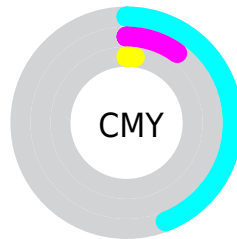
- Red (56%)
- Green (90%)
- Blue (98%)



- Red (56%)
- Yellow (75%)
- Blue (98%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (44%)
- Magenta (10%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90E6FB 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 90E6FB by changing the saturation by 10% instead.



 90E6FB

 90E6FB

FFFFFF

 73CADE

 CAFFFF

 56AEC2

 E8FFFF

 3794A7

 0A7A8D

 006173

 00495B

 003243

 001E2D

 000118

■ 90E6FB

■ 90E6FB

■ 77E1FB

■ A9EBFB

■ 5EDCFB

■ C2F0FB

■ 45D7FB

■ DBF5FB

■ 2CD2FB

■ F4FAFB

■ 13CDFB

■ FFFFFB

■ 00CAFB

# Harmonies

## Analogous

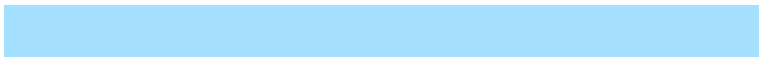
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92E8E3



90E6FB



A5E0FF

# Triad

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



90E6FB



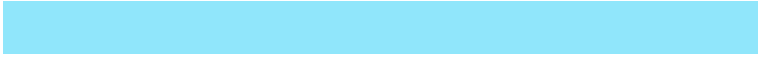
FFC8EA



E2DBA6

# Complementary

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



90E6FB



FBA590

# 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.



FBD2A8



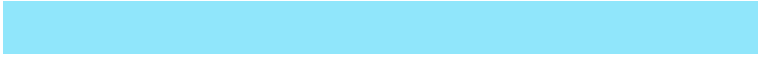
90E6FB



FFC6D0

# Square

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



90E6FB



EACFFF



FFCAB8



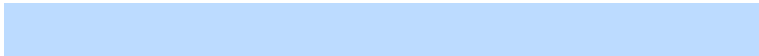
C5E2B1

# Rectangle

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



90E6FB



BCDBFF



FFCAB8



EBD8A5

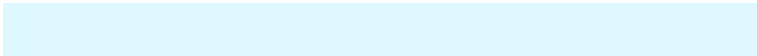


# Sweetspot

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



90E6FB



DEF8FF



90FBA4



6B7B80



000000

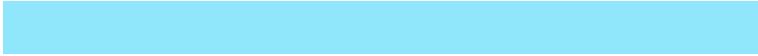


808080



# Same Dimension

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



90E6FB



7DE5FF



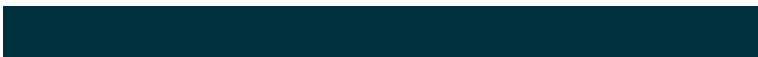
90B2FB



707A7D



0098BD



00313D



# Inverse Universe

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



FB90E6



FF7DE5



FBD990



7D707A



BD0098

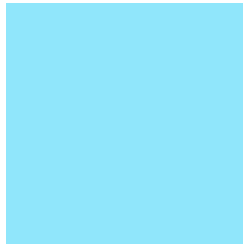


3D0031



# Previews

## White Background



This preview shows how the Hex color 90E6FB looks on a white background.

## Color Contrast Check

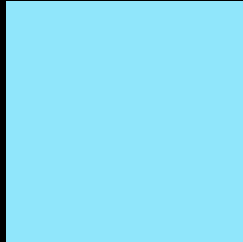
Large Text (above 18pt) WCAG AA × Fail

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 90E6FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

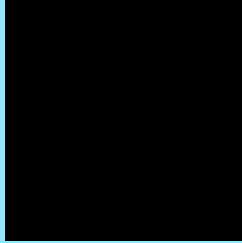
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 90E6FB Background



This preview shows how black text looks on a background with the Hex color 90E6FB.

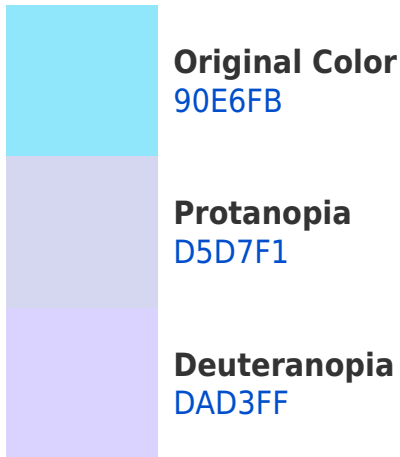


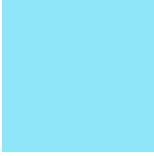
This preview shows how white text looks on a background with the Hex color 90E6FB.

# 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](#).

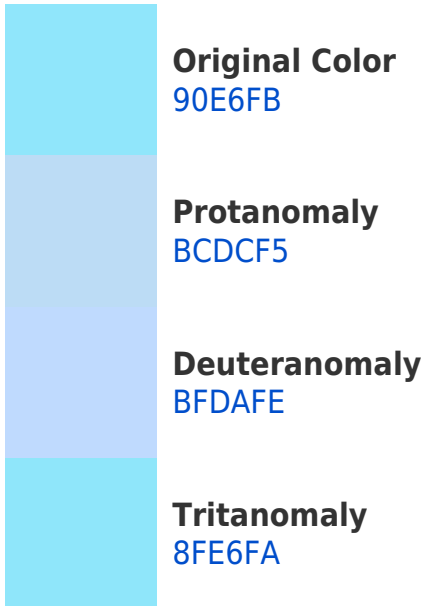
## Dichromacy



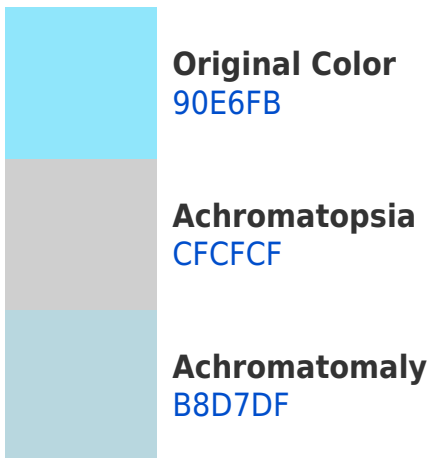


**Tritanopia**  
8FE6F9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90E6FB 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 #90E6FB looks like.

```
.text, #text, p{  
    color:#90E6FB  
}
```

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 #90E6FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90E6FB
}
```

## Border

The CSS property to change the border of an element to Hex 90E6FB 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
#90E6FB }
```

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

```
.border{ border-color:#90E6FB }
```

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

Here you see how a box with a 4 pixel #90E6FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90E6FB; -webkit-box-shadow:4px 4px  
4px 4px #90E6FB; box-shadow:4px 4px 4px  
4px #90E6FB }
```

# Background

The CSS property to change the background color of an element to Hex 90E6FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90E6FB }
```

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

```
.background{ background-color:#90E6FB }
```

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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