

Converting Colors

Hex(90BFEA)

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

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Color

Hex(90BFEA)

Conversions

Conversions Part 1

Format	Color
Hex	90BFEA
RGB	144, 191, 234
RGB Percent	56%, 75%, 92%
CMY	0.4353, 0.2510, 0.0824
CMYK	0.38, 0.18, 0.00, 0.08
HSL	209°, 68%, 74%
HSV	209°, 38%, 92%
XYZ	44.9837, 49.1314, 84.9543
YIQ	181.8490, -41.8150, 3.4090

Conversions

Conversions Part 2

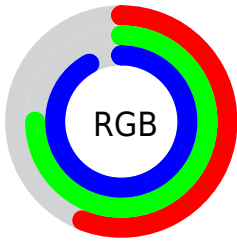
Format	Color
RYB	144, 175, 234
Decimal	9486314
CIELab	75.53, -4.89, -26.31
CIELCh	76, 26.757, 259.474
Yxy	49.1314, 0.2512, 0.2744
Android (android.graphics.Color)	4287676394 (0xFF90BFEA)
YUV	181.8490, 25.7104, -33.1936
Hunter-Lab	70.0938, -8.1093, -22.7944

Details

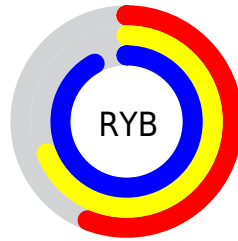
The Hex color **90BFEA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EABB90**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **C8F7FF**, and **598AB2** is the 20% darker color. If you saturate the color by 10%, you get **79B4EA**, and if you desaturate by 10%, it is **A7CAEA**.

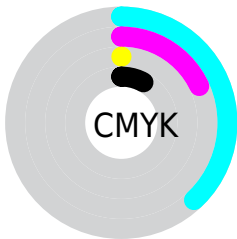
Distribution



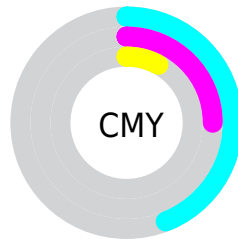
- Red (56%)
- Green (75%)
- Blue (92%)



- Red (56%)
- Yellow (69%)
- Blue (92%)



- Cyan (38%)
- Magenta (18%)
- Yellow (0%)
- Black (8%)



- Cyan (44%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients

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

■ 90BFEA

FFFFFF

■ C8F7FF

■ E5FFFF

■ 90BFEA

■ 75A4CE

■ 598AB2

■ 3E7097

■ 20587D

■ 004164

■ 002B4C

■ 001735

■ 000220

■ 000003

■ 90BFEA

■ 90BFEA

■ 79B4EA

■ A7CAEA

■ 61A9EA

■ BFD5EA

■ 4A9DEA

■ D6E1EA

■ 3292EA

■ EEECEA

■ 1B87EA

■ FFF7EA

■ 047CEA

■ FFFFEA

■ 007AEA

Harmonies

Analogous

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



77C5DF



90BFEA



B2B7E8

Triad

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



90BFEA



EDA9AB



9FC499

Complementary

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



90BFEA



EABB90

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.



BBBE8B



90BFEA



E6AE96

Square

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



90BFEA



E6A9C4



D4B68A



84C7B0

Rectangle

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



90BFEA



C8B1E0



D4B68A



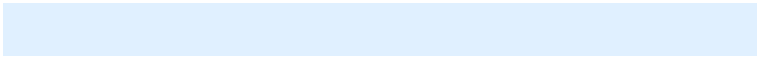
A9C293

Sweetspot

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



90BFEA



E0F0FF



90EABA



6E7780



000000



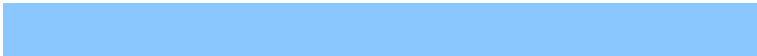
808080

Same Dimension

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



90BFEA



8AC7FF



9093EA



6A7075



005FB5



001C36

Inverse Universe

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



EA90BF



FF8AC7



EAE790



756A70



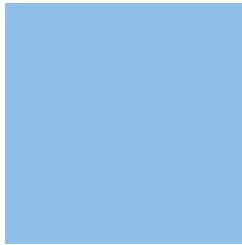
B5005F



36001C

Previews

White Background



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

Color Contrast Check

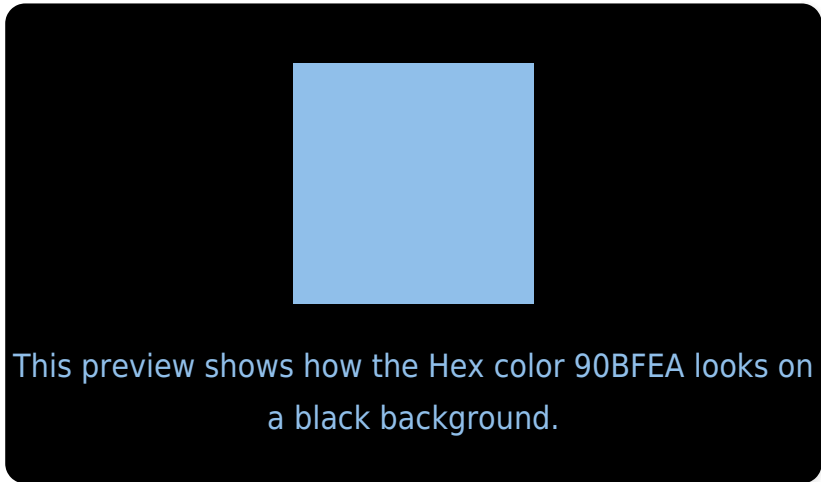
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

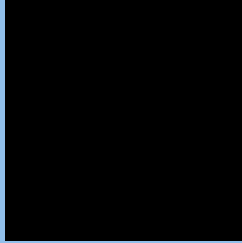
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

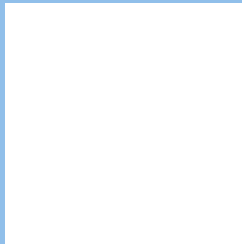
Any Text WCAG AAA ✓ Pass

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

Hex 90BFEA Background



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

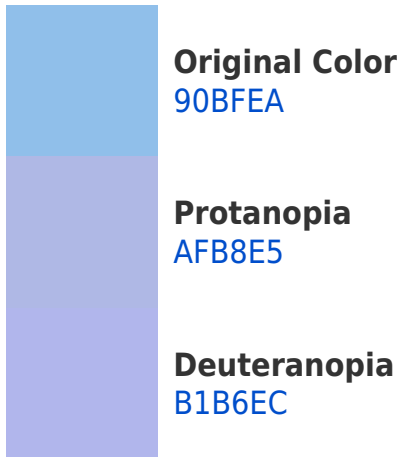


This preview shows how white text looks on a background with the Hex color 90BFEA.

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](#).

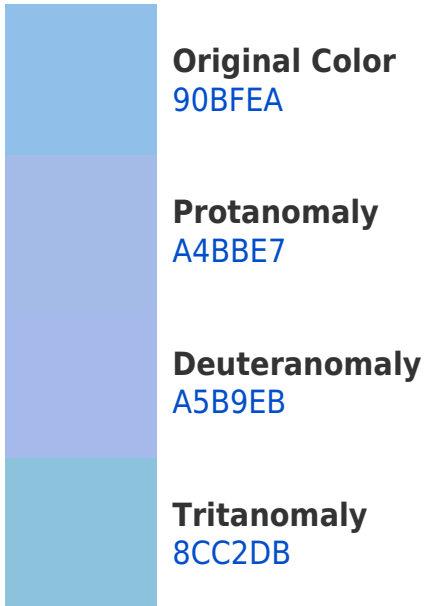
Dichromacy



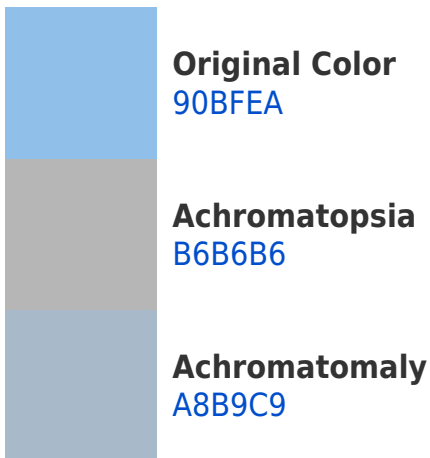


Tritanopia
8AC3D3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #90BFEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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