

Converting Colors

Hex(90BFED)

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

| | |
|--|----|
| Hex(90BFED) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(90BFED)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 90BFED |
| RGB | 144, 191, 237 |
| RGB Percent | 56%, 75%, 93% |
| CMY | 0.4353, 0.2510, 0.0706 |
| CMYK | 0.39, 0.19, 0.00, 0.07 |
| HSL | 210°, 72%, 75% |
| HSV | 210°, 39%, 93% |
| XYZ | 45.4185, 49.3053, 87.2438 |
| YIQ | 182.1910, -42.7780, 4.3420 |

Conversions

Conversions Part 2

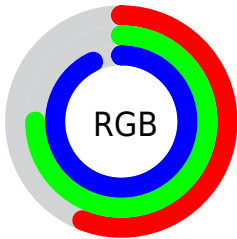
| Format | Color |
|-------------------------------------|---|
| RYB | 144, 175, 237 |
| Decimal | 9486317 |
| CIELab | 75.64, -4.10, -27.76 |
| CIELCh | 76, 28.061, 261.595 |
| Yxy | 49.3053, 0.2496, 0.2710 |
| Android (android.graphics.Color) | 4287676397 (0xFF90BFED) |
| YUV | 182.1910, 27.0208, -33.4935 |
| Hunter-Lab | 70.2177, -7.4231, -24.5140 |

Details

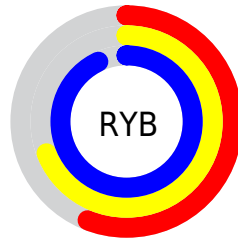
The Hex color **90BFED** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EDBE90**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **C8F7FF**, and **598AB5** is the 20% darker color. If you saturate the color by 10%, you get **78B3ED**, and if you desaturate by 10%, it is **A8CBED**.

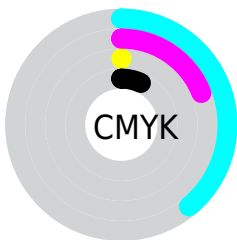
Distribution



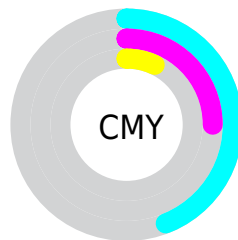
- Red (56%)
- Green (75%)
- Blue (93%)



- Red (56%)
- Yellow (69%)
- Blue (93%)



- Cyan (39%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (44%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

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

■ 90BFED

FFFFFF

■ C8F7FF

■ E6FFFF

■ 90BFED

■ 74A4D1

■ 598AB5

■ 3D709A

■ 1E5880

■ 004167

■ 002B4E

■ 001737

■ 000222

■ 000007

 90BFED

 90BFED

 78B3ED


 A8CBED

 61A8ED

 BFD6ED

 499CED

 D7E2ED

 3190ED

 EFEEED

 1A84ED

 FFFAED

 0279ED

 FFFFED

 0078ED

Harmonies

Analogous

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



73C5E2



90BFED



B5B6EA

Triad

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



90BFED



EFA8A9



9CC59A

Complementary

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



90BFED



EDBE90

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.



BABF8A



90BFED



E7AE93

Square

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



90BFED



E9A8C3



D4B687



80C8B2

Rectangle

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



90BFED



CBB0E1



D4B687



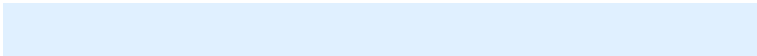
A6C393

Sweetspot

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



90BFED



E0F0FF



90EDBD



6E7780



000000



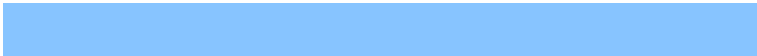
808080

Same Dimension

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



90BFED



87C4FF



9092ED



6A6F75



005BB5



001B36

Inverse Universe

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



ED90BF



FF87C4



EDEB90



756A6F



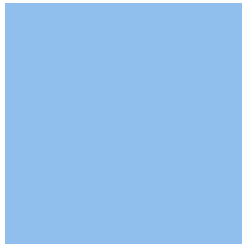
B5005B



36001B

Previews

White Background



This preview shows how the Hex color 90BFED 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 90BFED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

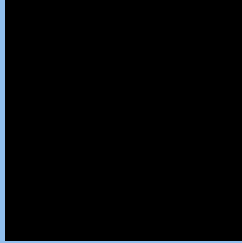
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

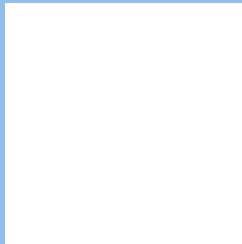
Any Text WCAG AAA ✓ Pass

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

Hex 90BFED Background



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

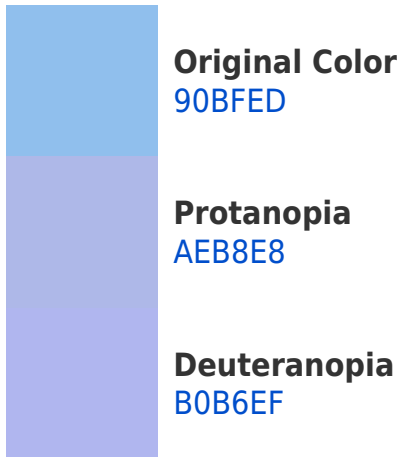


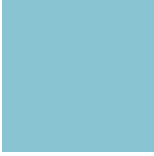
This preview shows how white text looks on a background with the Hex color 90BFED.

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](#).

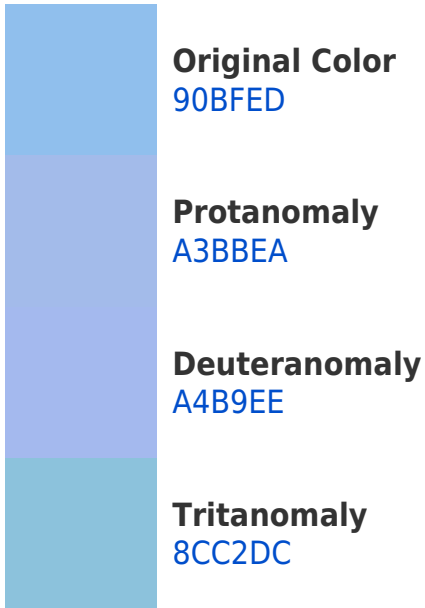
Dichromacy



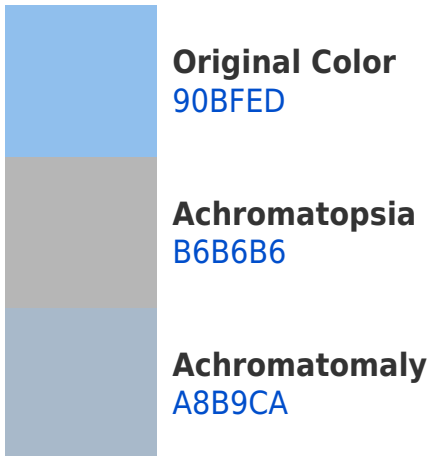


Tritanopia
89C4D3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #90BFED colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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