

Converting Colors

Hex(90BCFE)

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

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Color

Hex(90BCFE)

Conversions

Conversions Part 1

Format	Color
Hex	90BCFE
RGB	144, 188, 254
RGB Percent	56%, 74%, 100%
CMY	0.4353, 0.2627, 0.0039
CMYK	0.43, 0.26, 0.00, 0.00
HSL	216°, 98%, 78%
HSV	216°, 43%, 100%
XYZ	47.3742, 49.0515, 100.7369
YIQ	182.3680, -47.4100, 11.1980

Conversions

Conversions Part 2

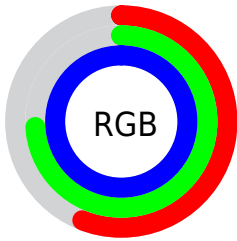
Format	Color
RYB	144, 175, 254
Decimal	9485566
CIELab	75.48, 2.11, -37.15
CIElCh	75, 37.212, 273.250
Yxy	49.0515, 0.2403, 0.2488
Android (android.graphics.Color)	4287675646 (0xFF90BCFE)
YUV	182.3680, 35.3146, -33.6487
Hunter-Lab	70.0368, -1.8235, -36.2536

Details

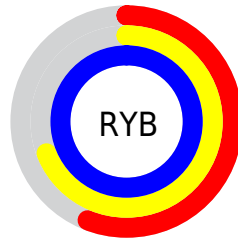
The Hex color **90BCFE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FED290**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **C9F4FF**, and **5787C5** is the 20% darker color. If you saturate the color by 10%, you get **77ADFE**, and if you desaturate by 10%, it is **A9CBFE**.

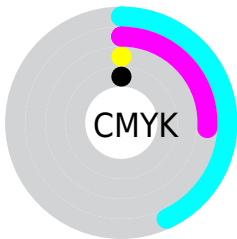
Distribution



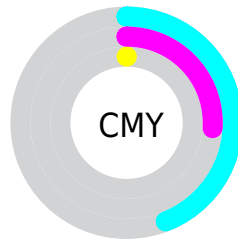
- Red (56%)
- Green (74%)
- Blue (100%)



- Red (56%)
- Yellow (69%)
- Blue (100%)



- Cyan (43%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 90BCFE

 90BCFE

FFFFFF

 74A1E1

 C9F4FF

 5787C5

 E7FFFF

 3A6EAA

 14568F

 003F75

 00295C

 001544

 00032D

 000118

 90BCFE

 90BCFE

 77ADFE

 A9CBFE

 5D9EFE


 C3DAFE

 448EFE

 DCEAFE

 2A7FFE

 F6F9FE

 1170FE

FFFFFFE

 0066FE

Harmonies

Analogous

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



59C6F6



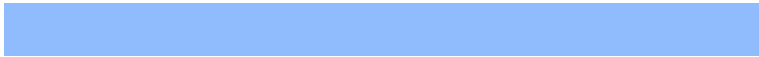
90BCFE



C3B0F3

Triad

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



90BCFE



FBA396



80CA9A

Complementary

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



90BCFE



FED290

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.



A9C380



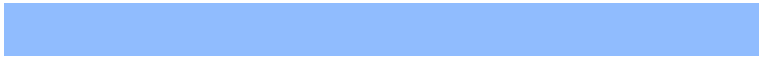
90BCFE



EAAD7E

Square

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



90BCFE



FCA0B7



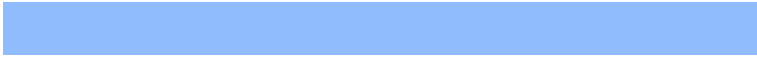
CDB975



55CDBD

Rectangle

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



90BCFE



DEA8E3



CDB975



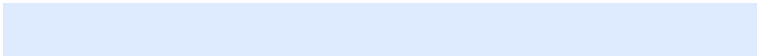
8EC890

Sweetspot

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



90BCFE



DEEBFF



90FED2



6B7380



000000



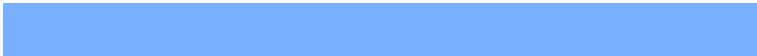
808080

Same Dimension

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



90BCFE



7AAFFF



9B90FE



737880



004DBF



001A40

Inverse Universe

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



FE90BC



FF7AAF



F3FE90



807378



BF004C



400019

Previews

White Background



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

Color Contrast Check

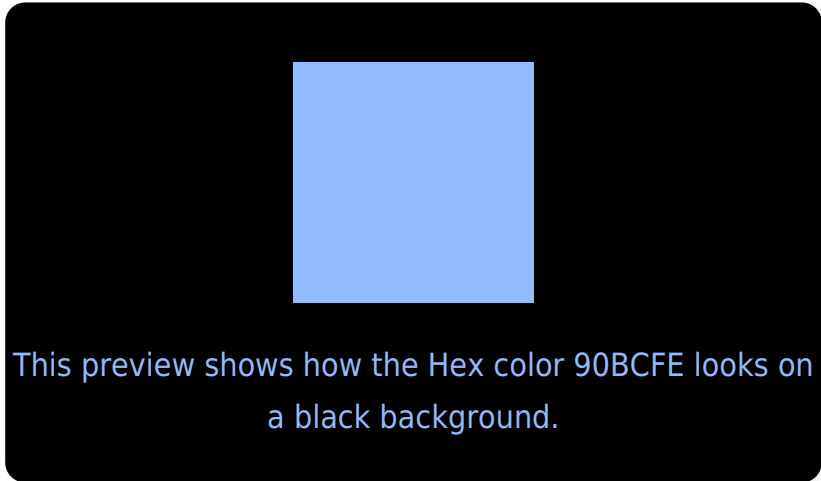
Large Text (above 18pt) WCAG AA × Fail

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

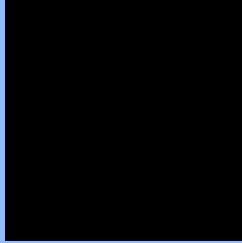
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

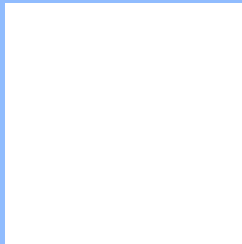
Any Text WCAG AAA ✓ Pass

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

Hex 90BCFE Background



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

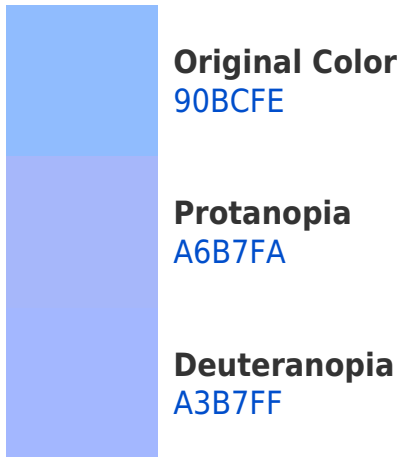


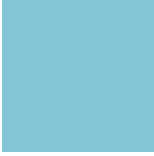
This preview shows how white text looks on a background with the Hex color 90BCFE.

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](#).

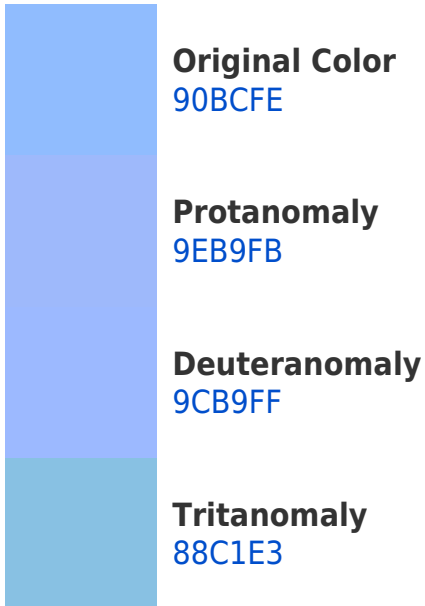
Dichromacy



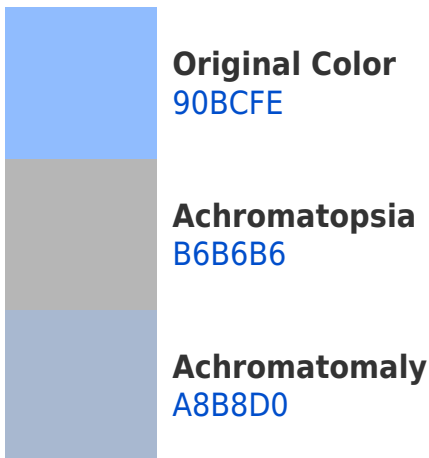


Tritanopia
84C4D4

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #90BCFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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