

Converting Colors

Hex(90BDFF)

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

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Color

Hex(90BDFF)

Conversions

Conversions Part 1

Format	Color
Hex	90BDFF
RGB	144, 189, 255
RGB Percent	56%, 74%, 100%
CMY	0.4353, 0.2588, 0.0000
CMYK	0.44, 0.26, 0.00, 0.00
HSL	216°, 100%, 78%
HSV	216°, 44%, 100%
XYZ	47.7492, 49.5445, 101.6541
YIQ	183.0690, -48.0060, 10.9860

Conversions

Conversions Part 2

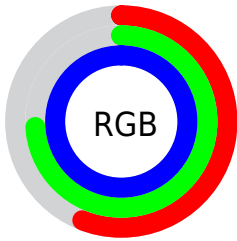
Format	Color
RYB	144, 176, 255
Decimal	9485823
CIELab	75.79, 1.84, -37.22
CIELCh	76, 37.261, 272.824
Yxy	49.5445, 0.2400, 0.2490
Android (android.graphics.Color)	4287675903 (0xFF90BDFF)
YUV	183.0690, 35.4620, -34.2635
Hunter-Lab	70.3878, -2.0892, -36.3551

Details

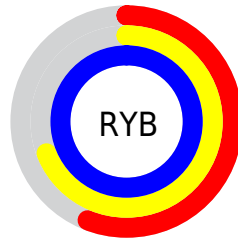
The Hex color **90BDFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD290**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **C9F5FF**, and **5788C6** is the 20% darker color. If you saturate the color by 10%, you get **77AEFF**, and if you desaturate by 10%, it is **AACCCF**.

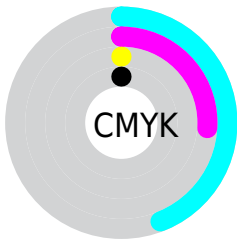
Distribution



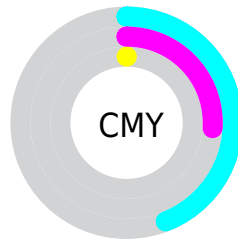
- Red (56%)
- Green (74%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

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

 90BDFF

 90BDFF

FFFFFF

 74A2E2

 C9F5FF

 5788C6

 E7FFFF

 396FAB

 135790

 004076

 002A5D

 001645

 00042E

 000118

 90BDFF

 90BDFF

 77AEFF

 AACCFE

 5D9FFF

 C3DBFF

 4390FF

 DDEAFF

 2A80FF

 F6FAFF

 1071FF

FFFFFF

 0067FF

Harmonies

Analogous

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



59C7F7



90BDFE



C3B1F5

Triad

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



90BDFE



FCA497



81CB9A

Complementary

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



90BDFE



FFD290

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.



AAC480



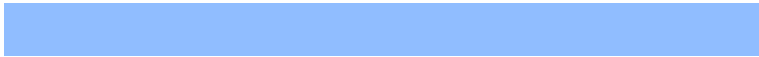
90BDFF



ECAE7E

Square

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



90BDFE



FCA0B9



CFBA76



57CDBD

Rectangle

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



90BDFE



DEA9E5



CFBA76



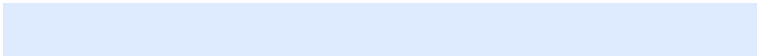
8FC990

Sweetspot

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



90BDFF



DEEBFF



90FFD1



6B7380



000000



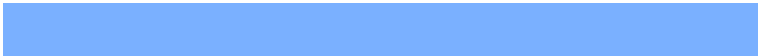
808080

Same Dimension

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



90BDFF



7AB0FF



9990FF



737880



004EBF



001A40

Inverse Universe

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



FF90BD



FF7AB0



F6FF90



807378



BF004E



40001A

Previews

White Background



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

Color Contrast Check

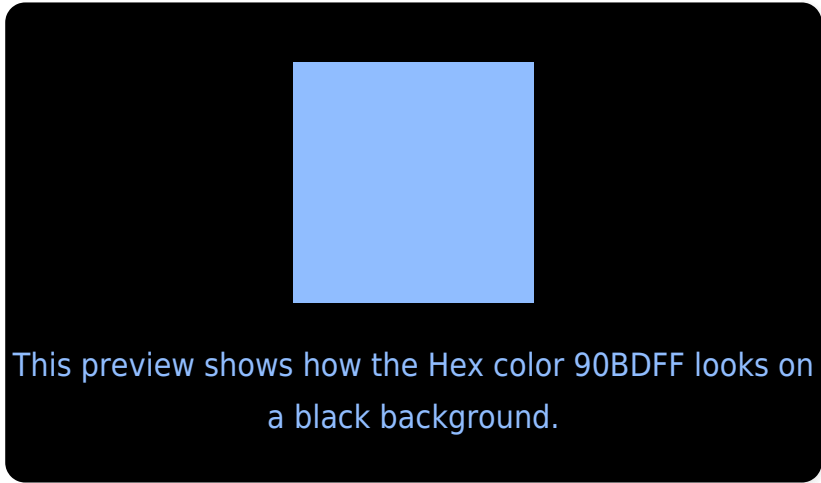
Large Text (above 18pt) WCAG AA × Fail

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

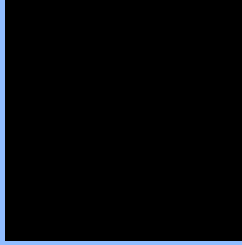
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

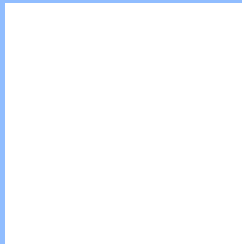
Any Text WCAG AAA ✓ Pass

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

Hex 90BDFF Background



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

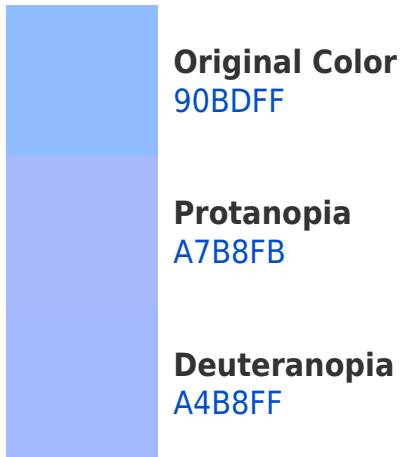


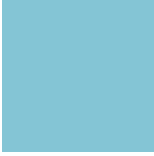
This preview shows how white text looks on a background with the Hex color 90BDFF.

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](#).

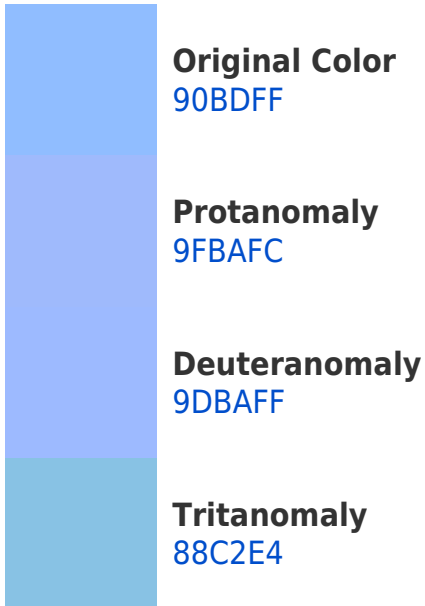
Dichromacy



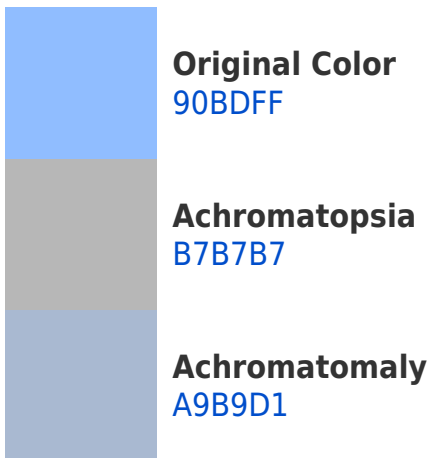


Tritanopia
84C5D5

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #90BDFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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