

# Converting Colors

Hex(95B2FF)

Have a look what the booklet for  
Hex(95B2FF) contains.

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# **Color**

**Hex(95B2FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95B2FF
RGB	149, 178, 255
RGB Percent	58%, 70%, 100%
CMY	0.4157, 0.3020, 0.0000
CMYK	0.42, 0.30, 0.00, 0.00
HSL	224°, 100%, 79%
HSV	224°, 42%, 100%
XYZ	46.3648, 45.4504, 100.9368
YIQ	178.1070, -42.0010, 17.7990

# Conversions

## Conversions Part 2

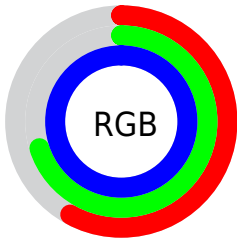
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">149, 172, 255</a>
Decimal	<a href="#">9810687</a>
CIELab	<a href="#">73.19, 9.17, -41.24</a>
CIELCh	<a href="#">73, 42.247, 282.536</a>
Yxy	<a href="#">45.4504, 0.2405, 0.2358</a>
Android (android.graphics.Color)	<a href="#">4288000767</a> <a href="#">(0xFF95B2FF)</a>
YUV	<a href="#">178.1070, 37.9082, -25.5268</a>
Hunter-Lab	<a href="#">67.4169, 4.7808, -41.5774</a>

# Details

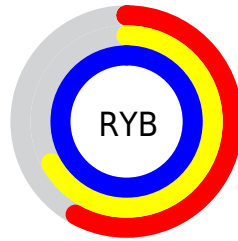
The Hex color **95B2FF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **FFE295**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **CEEAFF**, and **5D7EC6** is the 20% darker color. If you saturate the color by 10%, you get **7C9FFF**, and if you desaturate by 10%, it is **AFC5FF**.

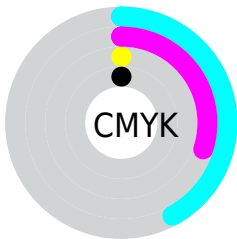
# Distribution



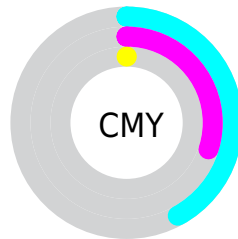
- Red (58%)
- Green (70%)
- Blue (100%)



- Red (58%)
- Yellow (67%)
- Blue (100%)



- Cyan (42%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (30%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95B2FF 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 95B2FF by changing the saturation by 10% instead.



 95B2FF

 95B2FF

FFFFFF

 7997E2

 CEEAFF

 5D7EC6

 ECFFFF

 4065AA

 1F4D90

 003776

 00225C

 000C44

 00032D

 000118

 95B2FF

 95B2FF

 7C9FFF

 AFC5FF

 628DFF

 C8D7FF

 497AFF


 E2E AFF

 2F68FF

 FBFCFF

 1655FF

FFFFFF

 0046FF

# Harmonies

## Analogous

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



4BBEFD



95B2FF



CDA4ED

# Triad

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



95B2FF



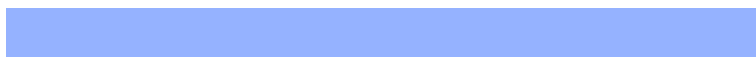
F89D81



5FC79B

# Complementary

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



95B2FF



FFE295

# 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.



92C179



95B2FF



E0AA6A

# Square

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



95B2FF



FF95A5



BDB767



0CC8C3

# Rectangle

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



95B2FF



E79BD8



BDB767



71C58F



# Sweetspot

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



95B2FF



E0E9FF



95FFE1



6E7380



000000



808080



# Same Dimension

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



95B2FF



80A2FF



AC95FF



737680



0034BF



001140



# Inverse Universe

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



FF95B2



FF80A2



E8FF95



807376



BF0034



400011



# Previews

## White Background



This preview shows how the Hex color 95B2FF looks on a white background.

## Color Contrast Check

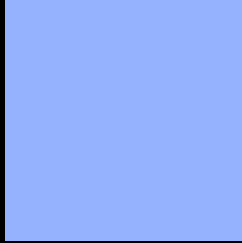
Large Text (above 18pt) WCAG AA × Fail

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 95B2FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

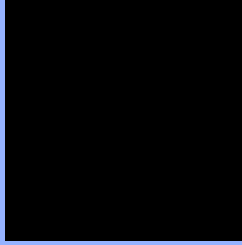
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 95B2FF Background



This preview shows how black text looks on a background with the Hex color 95B2FF.



This preview shows how white text looks on a background with the Hex color 95B2FF.

# 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



**Original Color**  
95B2FF

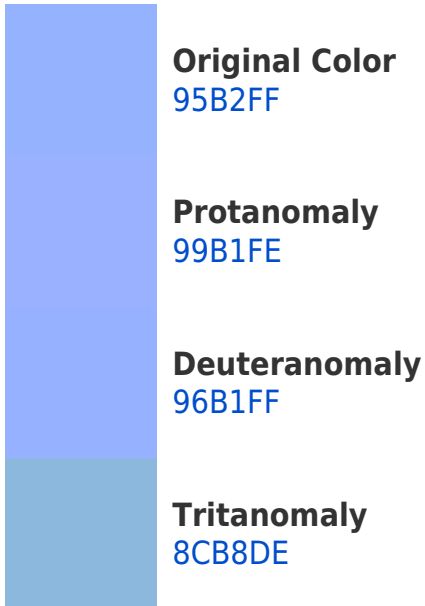
**Protanopia**  
9BB1FE

**Deuteranopia**  
97B1FF

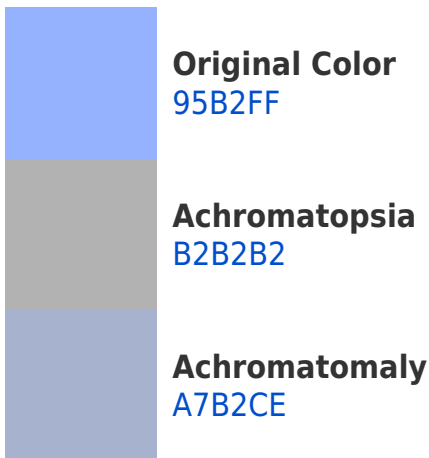


**Tritanopia**  
87BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95B2FF 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 #95B2FF looks like.

```
.text, #text, p{  
    color:#95B2FF  
}
```

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 #95B2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95B2FF
}
```

## Border

The CSS property to change the border of an element to Hex 95B2FF 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
#95B2FF }
```

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

```
.border{ border-color:#95B2FF }
```

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

Here you see how a box with a 4 pixel #95B2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95B2FF; -webkit-box-shadow:4px 4px  
4px 4px #95B2FF; box-shadow:4px 4px 4px  
4px #95B2FF }
```

# Background

The CSS property to change the background color of an element to Hex 95B2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95B2FF }
```

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

```
.background{ background-color:#95B2FF }
```

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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