

Converting Colors

Hex(95B1FF)

Have a look what the booklet for
Hex(95B1FF) contains.

Hex(95B1FF)	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(95B1FF)

Conversions

Conversions Part 1

Format	Color
Hex	95B1FF
RGB	149, 177, 255
RGB Percent	58%, 69%, 100%
CMY	0.4157, 0.3059, 0.0000
CMYK	0.42, 0.31, 0.00, 0.00
HSL	224°, 100%, 79%
HSV	224°, 42%, 100%
XYZ	46.1666, 45.0538, 100.8708
YIQ	177.5200, -41.7260, 18.3220

Conversions

Conversions Part 2

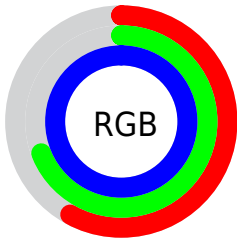
Format	Color
R_{YB}	149, 171, 255
Decimal	9810431
CIE _{Lab}	72.93, 9.73, -41.65
CIE _{LCh}	73, 42.767, 283.149
Yxy	45.0538, 0.2403, 0.2345
Android (android.graphics.Color)	4288000511 (0xFF95B1FF)
YUV	177.5200, 38.1976, -25.0120
Hunter-Lab	67.1222, 5.3084, -42.1151

Details

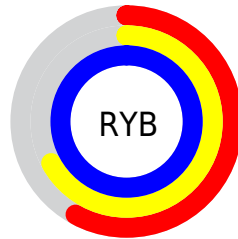
The Hex color **95B1FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE395**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **CEE8FF**, and **5D7DC6** is the 20% darker color. If you saturate the color by 10%, you get **7C9EFF**, and if you desaturate by 10%, it is **AFC4FF**.

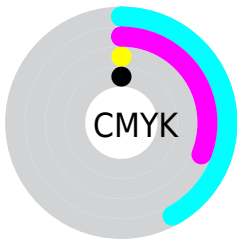
Distribution



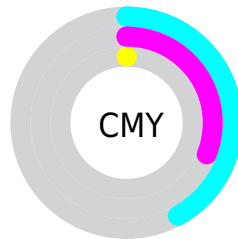
- Red (58%)
- Green (69%)
- Blue (100%)



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



- Cyan (42%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95B1FF 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 95B1FF by changing the saturation by 10% instead.

 95B1FF

 95B1FF

FFFFFF

 7996E2

 CEE8FF

 5D7DC6

 ECFFFF

 4064AA

 1F4C90

 003676

 00215C

 000A44

 00032D

 000118

 95B1FF

 95B1FF

 7C9EFF

 AFC4FF

 628BFF

 C8D7FF

 4979FF

 E2E9FF

 2F66FF

 FBFCFF

 1653FF

FFFFFF

 0043FF

Harmonies

Analogous

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



49BDFD



95B1FF



CDA2EC

Triad

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



95B1FF



F79C7F



5CC69B

Complementary

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



95B1FF



FFE395

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.



90C078



95B1FF



DFA968

Square

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



95B1FF



FF94A3



BBB665



00C8C3

Rectangle

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



95B1FF



E79AD7



BBB665



6EC58E

Sweetspot

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



95B1FF



E0E8FF



95FFE3



6E7280



000000



808080

Same Dimension

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



95B1FF



80A1FF



AE95FF



737680



0033BF



001140

Inverse Universe

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



FF95B1



FF80A1



E6FF95



807376



BF0033



400011

Previews

White Background



This preview shows how the Hex color 95B1FF looks on a white background.

Color Contrast Check

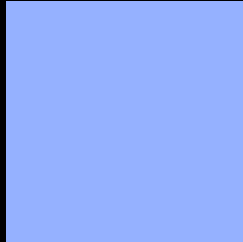
Large Text (above 18pt) WCAG AA × Fail

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 95B1FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

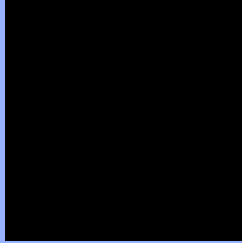
Any Text WCAG AA ✓ Pass

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 95B1FF Background



This preview shows how black text looks on a background with the Hex color 95B1FF.



This preview shows how white text looks on a background with the Hex color 95B1FF.

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
95B1FF

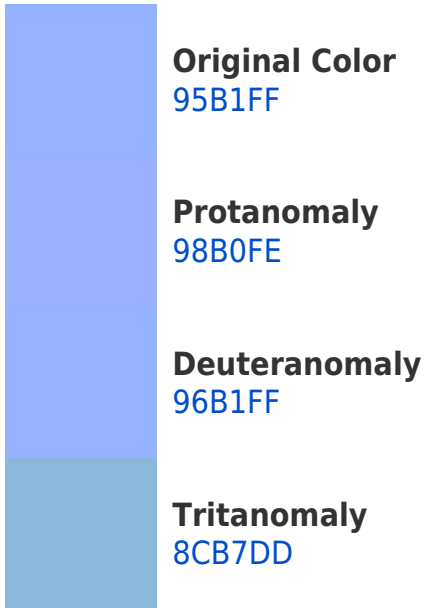
Protanopia
9AB0FE

Deuteranopia
96B1FF

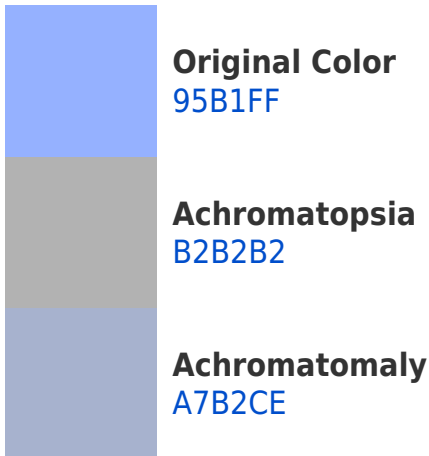


Tritanopia
87BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95B1FF 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 #95B1FF looks like.

```
.text, #text, p{  
    color:#95B1FF  
}
```

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 #95B1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95B1FF
}
```

Border

The CSS property to change the border of an element to Hex 95B1FF 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
#95B1FF }
```

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

```
.border{ border-color:#95B1FF }
```

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

Here you see how a box with a 4 pixel #95B1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95B1FF; -webkit-box-shadow:4px 4px  
4px 4px #95B1FF; box-shadow:4px 4px 4px  
4px #95B1FF }
```

Background

The CSS property to change the background color of an element to Hex 95B1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95B1FF }
```

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

```
.background{ background-color:#95B1FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor