

Converting Colors

Hex(95AEFF)

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

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Color

Hex(95AEFF)

Conversions

Conversions Part 1

Format	Color
Hex	95AEFF
RGB	149, 174, 255
RGB Percent	58%, 68%, 100%
CMY	0.4157, 0.3176, 0.0000
CMYK	0.42, 0.32, 0.00, 0.00
HSL	226°, 100%, 79%
HSV	226°, 42%, 100%
XYZ	45.5805, 43.8817, 100.6754
YIQ	175.7590, -40.9010, 19.8910

Conversions

Conversions Part 2

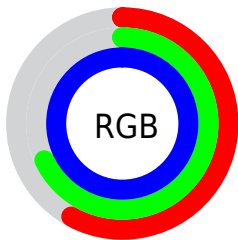
Format	Color
R_{YB}	149, 169, 255
Decimal	9809663
CIE _{Lab}	72.15, 11.41, -42.86
CIE _{LCh}	72, 44.355, 284.910
Yxy	43.8817, 0.2397, 0.2308
Android (android.graphics.Color)	4287999743 (0xFF95AEFF)
YUV	175.7590, 39.0658, -23.4676
Hunter-Lab	66.2432, 6.8962, -43.7377

Details

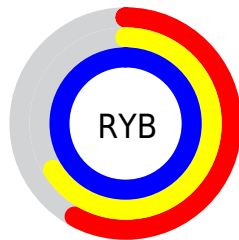
The Hex color **95AEFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE695**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **CEE5FF**, and **5D7AC6** is the 20% darker color. If you saturate the color by 10%, you get **7C9BFF**, and if you desaturate by 10%, it is **AFC1FF**.

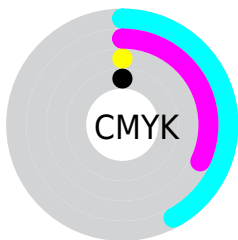
Distribution



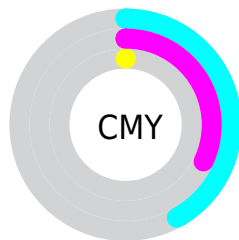
- Red (58%)
- Green (68%)
- Blue (100%)



- Red (58%)
- Yellow (66%)
- Blue (100%)



- Cyan (42%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

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

■ 95AEFF

■ 95AEFF

FFFFFF

■ 7994E2

■ CEE5FF

■ 5D7AC6

■ ECFFFF

■ 4061AA

■ 1F4A90

■ 003475

■ 001F5C

■ 000644

■ 00032D

■ 000118

 95AEFF

 95AEFF

 7C9BFF

 AFC1FF

 6287FF

 C8D5FF

 4974FF

 E2E8FF

 2F60FF

 FBFCFF

 164DFF

FFFFFF

 003CFF

Harmonies

Analogous

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



43BBFE



95AEFF



CF9FEB

Triad

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



95AEFF



F69979



51C59A

Complementary

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



95AEFF



FFE695

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.



89BF76



95AEFF



DCA762

Square

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



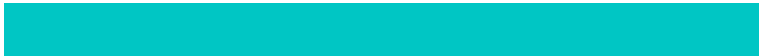
95AEFF



FF919E



B7B561



00C6C4

Rectangle

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



95AEFF



E996D4



B7B561



66C38D

Sweetspot

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



95AEFF



E0E8FF



95FFE5



6E7280



000000



808080

Same Dimension

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



95AEFF



809EFF



B095FF



737680



002DBF



000F40

Inverse Universe

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



FF95AE



FF809E



E5FF95



807376



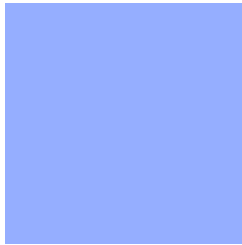
BF002D



40000F

Previews

White Background



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

Color Contrast Check

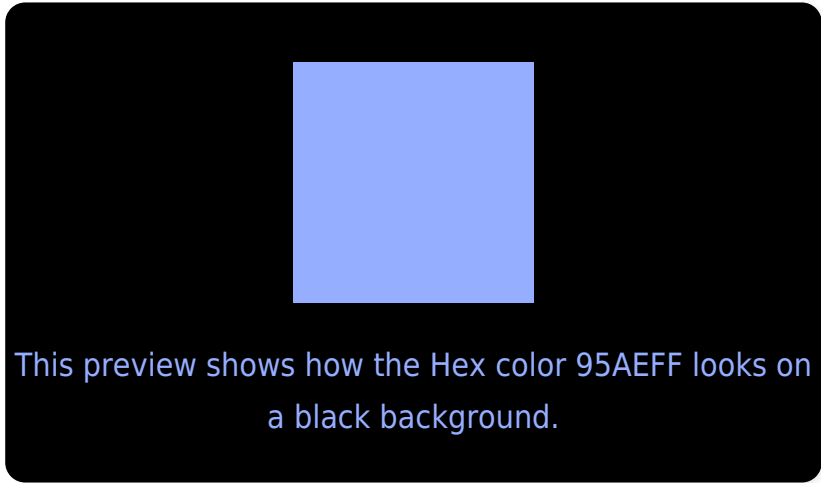
Large Text (above 18pt) WCAG AA × Fail

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

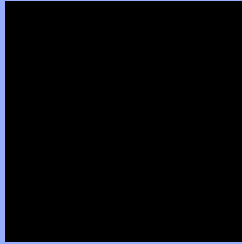
Any Text WCAG AA ✓ Pass

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 95AEFF Background



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



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

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
95AEFF

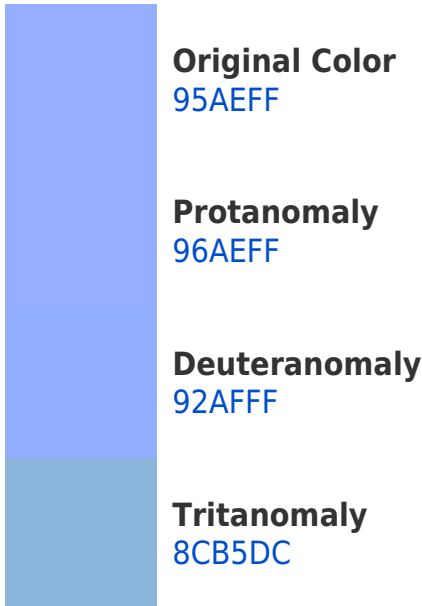
Protanopia
96AEFF

Deuteranopia
91AFFF

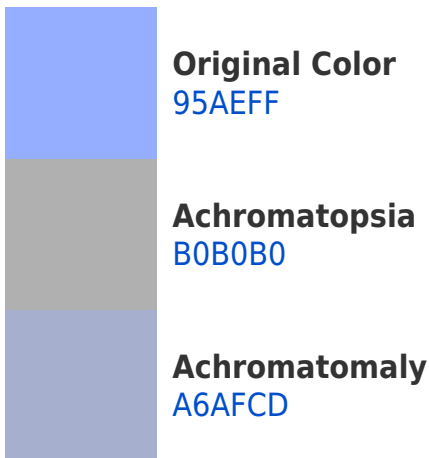


Tritanopia
87B9C8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #95AEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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